

MONTANA HIGHWAY DEPARTMENT
PLANNING SURVEY
REPEAT LOADOMETER SURVEY
1949

October 1949

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REPEAT LOADOMETER SURVEY
CONDUCTED BY THE
MONTANA HIGHWAY DEPARTMENT
HIGHWAY PLANNING SURVEY
IN COOPERATION WITH
THE
U. S. DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

Survey Conducted August, 1949

Report Submitted October, 1949

MONTANA'S 1949 LOADOMETER SURVEY

Montana conducted an annual truck weighing survey during the month of August, to determine loading trends, for the eighth consecutive year since its inception in 1942.

Nineteen weighing stations strategically located on primary highways were operated on the same days of the week and during the same hours as in past years. The loadometer pit at Station 58 near Glasgow, was removed in 1948, due to road construction and was not back in operation again this year.

The 1949 Tables W-3 through W-6 have been revised to conform with the instructions received in Mr. Fairbank's memorandum of May 27, 1949, and the 1948 data have been reworked to obtain a direct comparison for the two years.

In order to avoid inconveniencing the drivers as much as possible and to speed up the weighing operations, the license numbers of all Montana trucks weighing over 26,000 pounds were recorded on the field sheets. Later the files of the Registrar of Motor Vehicles were searched for these license numbers and the required data for Table W-6 concerning the Owner, Make, Year and Model Number were obtained from the registration cards. Similar information on foreign trucks had to be collected by the field party when each vehicle was weighed.

It will be noted that there has been a considerable increase in both the number and the average weights of all trucks and combinations with a rated capacity of $1\frac{1}{2}$ tons or more during the past year. This can be accounted for to some extent by the increased activity in the petroleum industry during 1949.

LOCATION AND TIME OF OPERATION OF EACH LOADOMETER STATION, SHOWING NUMBER OF VEHICLES COUNTED AND
WEIGHED AT EACH BY TYPE DURING THE PERIOD FROM AUGUST 3 TO SEPT. 1, 1949 COMPARED TO CORRESPONDING DATA FOR 1948

STATION NO.	ROUTE NO.	DESCRIPTION OF STATION LOCATION	YEAR	MONTH & DAY	DAY OF WEEK	HOURS	VEHICLES COUNTED														TRUCKS & COMBINATIONS WEIGHED												
							PASS. CARS		BUSES	SINGLE UNIT TRUCKS				TRACTOR SEMI-TR				OTHER COMBINATIONS				SINGLE UNITS				TRACTOR SEMI-TR				OTHER COMBINATIONS			
							LOCAL	FOREIGN		PANEL & PICK-UP	OTHER 4-TIRED	OTHER 6-TIRED	3-AXLE	3-AXLE	4-AXLE	5-AXLE OR MORE	4-AXLE OR LESS	5-AXLE	6-AXLE OR MORE	PANEL & PICK-UP	OTHER 4-TIRED	OTHER 6-TIRED	3-AXLE	3-AXLE	4-AXLE	5-AXLE OR MORE	4-AXLE OR LESS	5-AXLE	6-AXLE OR MORE				
7	US 10 93	Southeast Leg of Jct. US 10 & 93 West of Missoula	1949	8-5	Fri	2P-10P	496	711	9	104	7	47	8	8	5	9	-	-	10	3	6	34	8	8	5	9	-	-	10				
			1948	8-6	Fri	2P-10P	523	668	15	102	4	64	8	7	2	9	1	3	5	55	4	64	8	7	2	7	1	3	5				
9	US 10	West Leg of Jct. US 10 & 10A in Drummond	1949	9-1	Thur	6A-2P	262	465	6	25	4	47	6	6	10	3	3	8	11	18	2	47	6	5	10	3	3	8	11				
			1948	8-5	Thur	6A-2P	341	640	7	82	4	67	5	9	4	4	2	-	3	35	4	49	5	9	4	4	2	-	3				
11	US 10 91	East Leg of Jct. US 10 & 91 West of Butte	1949	8-9	Tues	6A-2P	685	542	14	136	15	82	6	13	1	8	2	-	2	68	3	78	3	12	1	8	1	-	2				
			1948	8-10	Tues	6A-2P	660	612	15	118	6	85	2	5	3	3	-	1	3	99	6	79	2	5	3	3	-	1	3				
13	US 91	South Leg of Jct. US 91 & Mont. 41 North of Dillon	1949	8-8	Mon	2P-10P	287	136	3	70	6	19	1	1	2	1	-	2	2	70	6	19	1	1	2	1	-	2	2				
			1948	8-9	Mon	2P-10P	434	173	3	119	4	36	1	2	2	3	-	3	-	92	4	31	1	2	2	3	-	3					
17	US 10S	West Leg of Jct. US 10S & Mont. 41 West of Whitehall	1949	8-10	Wed	2P-10P	269	422	1	41	4	28	3	6	4	10	1		1	41	4	28	3	6	4	10	1	-	1				
			1948	8-11	Wed	2P-10P	252	386	4	54	4	20	3	4	1	6	1	-	2	45	4	19	3	4	1	6	1	-	2				
30	US 12 & 310	North Leg of Jct. US 12 & 310 near Rockvale	1949	8-17	Wed	6A-2P	286	352	6	52	4	79	2	11	11	3	12	1	2	28	-	78	2	10	11	3	12	1	1				
			1948	8-18	Wed	6A-2P	348	378	5	54	2	60	-	12	3	3	6	1	-	48	-	50	-	12	3	3	6	1	-				
36	US 89 & 91	On US 89 & 91 Approx. 1.1 miles West of Great Falls	1949	8-26	Fri	6A-2P	455	240	4	112	9	143	16	5	8	5	8	6	4	112	5	142	16	5	8	5	8	5	4				
			1948	8-27	Fri	6A-2P	555	251	6	66	1	65	10	6	3	4	3	2	1	49	-	65	8	6	3	4	3	2	1				
41	US 10	Southwest Leg of Jct. US 10 & 12 East of Miles City	1949	8-19	Thur	6A-2P	317	367	3	76	7	48	4	7	5	2	12	4	2	74	1	40	4	6	5	2	11	4	2				
			1948	8-19	Thur	6A-2P	247	308	9	70	4	39	-	6	3	1	12	3	4	59	1	34	-	6	2	1	12	3	4				
43	US 10 Mont 18	East Leg of Jct. US 10 & Mont. 18 West of Glendive	1949	8-19	Fri	2P-10P	444	265	1	69	9	60	2	5	9	4	4	2	9	59	4	54	2	5	9	4	4	2	9				
			1948	8-20	Fri	2P-10P	352	309	5	70	2	57	1	2	7	2	3	2	3	57	2	50	1	1	7	2	3	2	3				

WEIGHED AT EACH BY TYPE DURING THE PERIOD FROM AUGUST 3 TO SEPT. 1, 1949 COMPARED TO CORRESPONDING DATA FOR 1948

[illegible]

WEIGHED AT EACH BY TYPE DURING THE PERIOD FROM AUGUST 3 TO SEPTEMBER 1, 1949 COMPARED TO CORRESPONDING DATA FOR 1948.

STATION NO.	ROUTE NO.	DESCRIPTION OF STATION LOCATION	YEAR	MONTH & DAY	DAY OF WEEK	HOURS	VEHICLES COUNTED													TRUCKS & COMBINATIONS WEIGHED														
							PASS. CARS		BUSES	SINGLE UNIT TRUCKS					TRACTOR SEMI-TR			OTHER COMBINATIONS					SINGLE UNITS				TRACTOR SEMI-TR				OTHER COMBINATIONS			
							LOCAL	FOREIGN		PANEL & PICK-UP	OTHER 4-TIRED	OTHER 6-TIRED	3-AXLE	3-AXLE	4-AXLE	5-AXLE OR MORE	4-AXLE OR LESS	5-AXLE	6-AXLE OR MORE	PANEL & PICK-UP	OTHER 4-TIRED	OTHER 6-TIRED	3-AXLE	3-AXLE	4-AXLE	5-AXLE OR MORE	4-AXLE OR LESS	5-AXLE	6-AXLE OR MORE					
59	US 2	On US 2 West of Havre	1949	8-24	Wed	6A-2P	246	229	3	59	5	56	-	8	-	1	1	-	-	51	1	52	-	8	-	1	1	-	-					
			1948	8-25	Wed	6A-2P	363	192	1	77	1	37	1	1	3	1	-	1	2	66	-	30	1	1	3	1	-	1	2					
60	US 2	On US 2 West of Shelby	1949	8-25	Thur	6A-2P	148	192	2	44	2	39	2	7	5	1	1	3	1	40	2	24	2	7	3	1	1	3	1					
			1948	8-26	Thur	6A-2P	272	176	6	99	5	60	5	5	4	1	2	7	-	39	-	24	5	5	4	1	2	7	-					

NUMBER AND PERCENTAGE OF VEHICLES OF EACH TYPE COUNTED AT 19 LOADOMETER STATIONS DURING THE
PERIOD FROM AUGUST 3 TO SEPTEMBER 1, 1949 COMPARED TO CORRESPONDING DATA FOR 1948.

TYPE OF VEHICLE	NUMBER COUNTED DURING PERIOD			PERCENTAGE OF TOTAL NUMBER OF VEHICLES			PERCENTAGE OF TOTAL NUMBER OF TRUCKS AND COMBINATIONS			TRUCKS AND COMBINATIONS WEIGHED		PERCENTAGE WEIGHED OF TOTAL COUNTED BY TYPE	
	1949	1948	1949/1948	1949	1948	1949/1948	1949	1948	1949/1948	1949	1948	1949	1948
PASSENGER CARS													
LOCAL - - - - -	7206	7444	0.9680	44.09	45.55	0.968	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -
FOREIGN - - - - -	5849	5863	0.9976	35.79	35.87	0.998	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -
SUBTOTAL PASSENGER CARS - - -	13055	13307	0.9811	79.88	81.42	0.981	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -
TRUCKS, SINGLE-UNIT													
PANEL AND PICKUP (UNDER 1½ TONS) -	1357	1407	0.9645	8.30	8.61	0.964	42.45	48.25	0.880	877	1075	64.62	76.40
OTHER 2 AXLE, 4-TIRED - - - - -	124	55	2.2545	0.76	0.34	2.235	3.88	1.89	2.053	67	33	54.03	60.00
OTHER 2 AXLE, 6-TIRED - - - - -	1092	1041	1.0490	6.68	6.37	1.049	34.16	35.70	0.957	998	925	91.39	88.86
3 AXLE- - - - -	60	52	1.1538	0.37	0.32	1.156	1.87	1.78	1.056	56	50	93.33	96.15
SUBTOTAL SINGLE-UNIT- - - - -	2633	2555	1.0305	16.11	15.64	1.030	82.36	87.62	0.940	1998	2083	75.88	81.53
TRACTOR-SEMITRAILER COMBINATIONS													
3 AXLE- - - - -	142	100	1.4200	0.87	0.61	1.426	4.44	3.43	1.294	136	99	95.77	99.00
4 AXLE- - - - -	114	66	1.7273	0.70	0.41	1.707	3.56	2.26	1.575	112	64	98.25	96.97
5 AXLE OR MORE- - - - -	84	54	1.5555	0.51	0.33	1.545	2.63	1.85	1.422	84	51	100.00	94.44
SUBTOTAL TRACTOR-SEMITRAILER COMBINATIONS	3402	220	1.5455	2.08	1.35	1.541	10.63	7.54	1.410	332	214	97.65	97.27
COMBINATIONS INVOLVING FULL TRAILERS													
4 AXLE-(1)- - - - -	96	68	1.4118	0.59	0.41	1.439	3.00	2.33	1.288	90	68	93.75	100.00
5 AXLE- - - - -	67	39	1.7179	0.41	0.24	1.708	2.10	1.34	1.567	62	39	92.54	100.00
6 AXLE OR MORE- - - - -	61	34	1.7941	0.37	0.21	1.762	1.91	1.17	1.632	58	34	95.08	100.00
SUBTOTAL TRUCK-TRAILER COMBINATIONS	224	141	1.5887	1.37	0.86	1.593	7.01	4.84	1.448	210	141	93.75	100.00
SUBTOTAL ALL COMBINATIONS	564	361	1.5623	3.45	2.21	1.561	17.64	12.38	1.425	542	355	96.09	98.34
SUBTOTAL TRUCKS AND COMBINATIONS	3197	2916	1.0964	19.56	17.85	1.096	100.00	100.00	1.000	2540	2438	79.45	83.61
BUSSES - - - - -	92	120	0.7666	0.56	0.73	0.767	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -
TOTAL VEHICLES - - - - -	16344	16343	1.0001	100.00	100.00	1.000	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -

(1) MAY INCLUDE COMBINATIONS OF TRUCK AND ONE-AXLE FULL TRAILER.

NUMBER OF LOADED AND EMPTY VEHICLES COUNTED, AVERAGE TOTAL WEIGHTS, AND AVERAGE EMPTY WEIGHTS OF
TRUCKS AND COMBINATIONS OF EACH TYPE AT 19 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 3, TO SEPTEMBER 1, 1949
COMPARED TO CORRESPONDING DATA FOR 1948.

VEHICLE TYPE AND SURVEY YEAR	LOADED & EMPTY VEHICLES		LOADED VEHICLES			EMPTY VEHICLES		
	NUMBER COUNTED	AVERAGE TOTAL WEIGHT	PERCENT OF TOTAL LOADED AND EMPTY OF EACH TYPE	ESTIMATED NO LOADED	AVERAGE LOADED WEIGHT	PERCENT OF TOTAL LOADED AND EMPTY OF EACH TYPE	ESTIMATED NO EMPTY	AVERAGE EMPTY WEIGHT
SINGLE-UNIT TRUCKS, (UNDER 1½ TONS CAPACITY)								
YEAR 1949 - - - - -	1357	4286	25.54	347	5189	74.46	1010	3977
YEAR 1948 - - - - -	1407	3468	10.42	147	4734	89.58	1260	3321
SINGLE-UNIT TRUCKS, OTHER 2 AXLE, 4-TIRED								
YEAR 1949 - - - - -	124	5772	44.78	56	6667	55.22	68	5046
YEAR 1948 - - - - -	55	5624	51.52	28	6853	48.48	27	4319
SINGLE-UNIT TRUCKS, OTHER 2 AXLE, 6-TIRED								
YEAR 1949 - - - - -	1092	11076	54.31	593	13925	45.69	499	7689
YEAR 1948 - - - - -	1041	9892	54.56	568	13222	45.44	473	5909
SINGLE-UNIT TRUCK, 3 AXLE								
YEAR 1949 - - - - -	60	21300	55.36	33	28223	44.64	27	12716
YEAR 1948 - - - - -	52	19324	58.70	31	24296	41.30	21	12258
SUBTOTAL, SINGLE-UNIT TRUCKS								
YEAR 1949 - - - - -	2633	7560	39.08	1029	11043	60.92	1604	5324
YEAR 1948 - - - - -	2555	6454	30.29	774	11823	69.71	1781	4129
TRACTOR-SEMITRAILER, 3 AXLE								
YEAR 1949 - - - - -	142	24241	61.31	87	29249	38.69	55	16152
YEAR 1948 - - - - -	100	21357	55.56	56	27980	44.44	44	13077
TRACTOR-SEMITRAILER, 4 AXLE								
YEAR 1949 - - - - -	114	38007	65.76	75	46001	34.24	39	23044
YEAR 1948 - - - - -	66	32811	70.77	47	39480	29.23	19	16663
TRACTOR-SEMITRAILER, 5 AXLE OR MORE								
YEAR 1949 - - - - -	84	43662	70.24	59	48795	29.76	25	31548
YEAR 1948 - - - - -	54	42438	70.00	38	51471	30.00	16	28027
SUBTOTAL, TRACTOR-SEMITRAILER COMBINATIONS								
YEAR 1949 - - - - -	340	33655	65.00	221	40152	35.00	119	21645
YEAR 1948 - - - - -	220	29968	64.09	141	38144	35.91	79	16967

(CONTINUED ON PAGE 2)

NUMBER OF LOADED AND EMPTY VEHICLES COUNTED AVERAGE TOTAL WEIGHTS, AND AVERAGE EMPTY WEIGHTS OF TRUCKS AND COMBINATIONS OF EACH TYPE AT 19 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 3, TO SEPTEMBER 1, 1949 COMPARED TO CORRESPONDING DATA FOR 1948.

[illegible]

AVERAGE LOADED WEIGHT AND AVERAGE EMPTY WEIGHT OF EACH TYPE OF PRIVATELY OPERATED TRUCK AND TRUCK COMBINATIONS AT

19 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 3, TO SEPTEMBER 1, 1949.

VEHICLE TYPES	LOADED AND EMPTY VEHICLES COUNTED			LOADED VEHICLES			EMPTY VEHICLES		
	TOTAL ALL COUNTED (PRIVATE AND FOR-HIRE)	PERCENTAGE PRIVATE EACH TYPE	ESTIMATED NUMBER PRIVATE	PERCENTAGE OF TOTAL LOADED AND EMPTY EACH TYPE	ESTIMATED NUMBER EACH TYPE	AVERAGE LOADED WEIGHT	PERCENTAGE OF TOTAL LOADED AND EMPTY EACH TYPE	ESTIMATED NUMBER EACH TYPE	AVERAGE EMPTY WEIGHT
						lbs.			lbs.
TRUCKS, SINGLE-UNITS									
PANEL AND PICKUP (UNDER 1½ TONS)	1357	100.00	1357	25.54	347	5189	74.46	1010	3977
OTHER 2-AXLE, 4-TIRED	124	100.00	124	44.78	56	6667	55.22	68	5046
OTHER 2-AXLE, 6-TIRED	1092	99.70	1089	54.27	591	13911	45.73	498	7676
3-AXLE	60	89.29	54	52.00	28	27338	48.00	26	12192
SUBTOTAL SINGLE-UNITS	2633	99.66	2624	38.95	1022	10920	61.05	1602	5306
TRACTOR SEMITRAILER COMBINATIONS									
3-AXLE	112	81.62	116	53.15	62	28969	46.85	54	16152
4-AXLE	114	68.75	78	59.74	47	46433	40.26	31	22997
5-AXLE OR MORE	84	29.76	25	52.00	13	51485	48.00	12	32792
SUBTOTAL TRACTOR SEMITRAILER COMBINATIONS	340	64.41	219	55.71	122	38096	44.29	97	20398
COMBINATIONS INVOLVING FULL TRAILERS									
4-AXLE OR LESS	96	38.89	37	28.57	11	37140	71.43	26	22452
5-AXLE	67	12.90	9	50.00	4	61450	50.00	5	29750
6-AXLE OR MORE	61	6.90	4	50.00	2	54450	50.00	2	31650
SUBTOTAL TRUCK-TRAILER COMBINATIONS	224	22.32	50	34.00	17	44896	66.00	33	24115
SUBTOTAL ALL COMBINATIONS	564	47.70	269	51.67	139	38928	48.33	130	21342
TOTAL ALL TRUCKS AND TRUCK COMBINATIONS	3197	90.49	2893	40.13	1161	14274	59.87	1732	6509

TRUCKS AND TRUCK COMBINATIONS OPERATED FOR-HIRE WITH AVERAGE LOADED WEIGHT AND AVERAGE EMPTY WEIGHT OF EACH TYPE AT
19 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 3, TO SEPTEMBER 1, 1949.

VEHICLE TYPES	LOADED AND EMPTY VEHICLES COUNTED			LOADED VEHICLES			EMPTY VEHICLES		
	TOTAL ALL COUNTED (PRIVATE AND FOR-HIRE)	PERCENTAGE FOR-HIRE EACH TYPE	ESTIMATED NUMBER FOR-HIRE	PERCENTAGE OF TOTAL LOADED AND EMPTY EACH TYPE	ESTIMATED NUMBER EACH TYPE	AVERAGE LOADED WEIGHT	PERCENTAGE OF TOTAL LOADED AND EMPTY EACH TYPE	ESTIMATED NUMBER EACH TYPE	AVERAGE EMPTY WEIGHT
						lbs.			lbs.
TRUCKS, SINGLE-UNITS									
PANEL AND PICKUP (UNDER 1½ TONS)	1357	0.00	- -	- -	- -	- -	- -	- -	- -
OTHER 2-AXLE, 4-TIRED	124	0.00	- -	- -	- -	- -	- -	- -	- -
OTHER 2-AXLE, 6-TIRED	1092	0.30	3	66.67	2	17550	33.33	1	*13600
3-AXLE	60	10.71	6	83.33	5	32820	16.67	1	*25310
SUBTOTAL SINGLE-UNITS	2633	0.34	9	77.78	7	28457	22.22	2	19450
TRACTOR SEMITRAILER COMBINATIONS									
3-AXLE	142	18.38	26	100.00	26	29908	0.00	0	- - -
4-AXLE	114	31.25	36	77.14	28	45267	22.86	8	23225
5-AXLE OR MORE	84	70.24	59	77.97	46	48035	22.03	13	30400
SUBTOTAL TRACTOR SEMITRAILER COMBINATIONS	340	35.59	121	82.64	100	42547	17.36	21	27667
COMBINATIONS INVOLVING FULL TRAILERS									
4-AXLE OR LESS	96	61.11	59	54.55	32	53617	45.45	27	23552
5-AXLE	67	87.10	58	46.30	27	69892	53.70	31	30293
6-AXLE OR MORE	61	93.10	57	79.63	45	58681	20.37	12	32673
SUBTOTAL TRUCK-TRAILER COMBINATIONS	224	77.68	174	59.77	104	60033	40.23	70	28101
SUBTOTAL ALL COMBINATIONS	564	52.30	295	69.15	204	51462	30.85	91	28001
TOTAL ALL TRUCKS AND TRUCK COMBINATIONS	3197	9.51	304	69.41	211	50698	30.59	93	27817

* ONLY ONE UNIT WEIGHED

NUMBER OF AXLE LOADS OF VARIOUS MAGNITUDES OF LOADED AND EMPTY TRUCKS AND TRUCK COMBINATIONS OF EACH TYPE WEIGHED AND THE PROBABLE NUMBER OF SUCH LOADS OF EACH GENERAL

TYPE AND OF ALL TYPES COUNTED AT 19 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 3, TO SEPTEMBER 1, 1949, COMPARED TO SIMILAR DATA IN 1948.

AXLE LOAD IN POUNDS	SINGLE UNIT TRUCKS										TRACTOR-SEMITRAILER COMBINATIONS								COMBINATIONS INVOLVING FULL TRAILERS								ALL COMBINATIONS		ALL TRUCKS AND COMBINATIONS	
	PANEL & PICKUP UNDER 1½ TONS		OTHER 2 AXLE 4-TIRED		OTHER 2 AXLE 6-TIRED		3 AXLE		ALL SINGLE UNIT TRUCKS		3 AXLE		4 AXLE		5 AXLE OR MORE		ALL TRACTOR SEMITRAILER COMB.		4 AXLES OR LESS		5 AXLE		6 AXLE		ALL TRUCK- TRAILER COMB.		ALL COMBINATIONS		ALL TRUCKS AND COMBINATIONS	
	1949	1948	1949	1948	1949	1948	1949	1948	1949	1948	1949	1948	1949	1948	1949	1948	1949	1948	1949	1948	1949	1948	1949	1948	1949	1948	1949	1948	1949	1948
UNDER 8,000	1752	2150	134	65	1637	1492	113	106	4871	4712	252	200	228	133	176	110	671	456	222	176	145	99	145	89	546	364	1217	820	6089	5532
8,000 - 8,499	1			1	31	38	2	5	38	50	8	4	16	16	48	17	73	39	18	10	15	15	18	27	54	52	127	91	165	141
8,500 - 8,999					16	35	1	4	19	144	8	7	14	11	30	20	53	40	14	7	21	9	28	13	67	29	120	69	139	113
9,000 - 9,499	1				16	33	3	5	22	42	10	7	15	11	22	18	48	37	4	4	12	6	14	7	32	17	80	54	102	96
9,500 - 9,999					23	110	6	4	31	128	6	12	6	9	18	11	30	33	5	9	7	12	15	14	29	35	59	68	90	196
10,000 - 10,999					50	21	8	9	63	33	19	14	20	14	38	13	78	42	1	7	3	11	28	15	34	33	112	75	175	108
11,000 - 11,999					37	29	8	7	49	40	18	16	18	13	18	18	55	49	5	4	4	5	32	17	43	26	98	75	147	115
12,000 - 12,999					44	28	7	6	56	38	22	5	16	13	20	11	59	30	7	6	2	2	20	5	31	13	90	43	146	81
13,000 - 13,999					33	16	5	3	41	21	14	6	19	10	24	12	58	29	1	6	11	5	28	6	42	17	100	46	141	67
14,000 - 14,999					32	10	6	1	41	12	11	7	18	6	6	9	36	23	4	1	20	7	12	8	39	16	75	39	116	51
15,000 - 15,999					21	7	6		30	8	12	4	18	2	11	7	42	14	7	6	24	10	4	2	38	18	80	32	110	40
16,000 - 16,999					18	10	1		21	11	10	2	20	5	4	2	35	9	17	17	24	11	3	1	47	29	82	38	103	49
17,000 - 17,999					17	7			19	8	6	-	15	2	5	1	27	3	35	12	17	3	1	-	57	15	84	18	103	26
18,000 - 18,999					8	7			9	8	3	4	8	6		1	11	11	9	5	3				13	5	24	16	33	24
19,000 - 19,999					4	3			4	3	5	4	5	1		2	10	7	5	2	1				6	2	16	9	20	12
20,000 - 21,999					5	2			6	2	2	2	8	2		3	10	7	2						2		12	7	18	9
22,000 - 23,999					2	2	2		4	2	2	2	2	1			4	3			1				1		5	3	9	5
24,000 - 25,999					2				2			1	2	1			2	2									2	2	4	2
26,000 - 27,999																														
28,000 - 29,999																														
30,000 - 34,999																														
35,000 - 39,999																														
TOTAL AXLES WEIGHED	1754	2150	134	66	1996	1850	168	150	XXXX	XXXX	408	297	448	256	420	255	XXXX	XXXX	356	272	310	195	348	204	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
TOTAL AXLES COUNTED	2714	2814	248	110	2184	2082	180	156	5326	5162	426	300	456	264	420	270	1302	834	380	272	335	195	366	204	1081	671	2383	1505	7709	6667

STATE OF MONTANA

NUMBER OF LOADED AND EMPTY TRUCKS AND TRUCK COMBINATIONS OF EACH TYPE OF VARIOUS TOTAL WEIGHTS AT 19 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 3,
TO SEPTEMBER 1, 1949 COMPARED TO CORRESPONDING DATA FOR 1948.

	SINGLE UNIT TRUCKS										TRACTOR-SEMITRAILER COMBINATIONS								COMBINATIONS INVOLVING FULL TRAILERS								ALL COMBINATIONS		ALL TRUCKS AND COMBINATIONS	
	PANEL&PICKUP UNDER 1½ TONS		OTHER 2 AXLE 4-TIRED		OTHER 2 AXLE 6-TIRED		3 AXLE		ALL SINGLE-UNIT TRUCKS		3 AXLE		4 AXLE		5-AXLE OR MORE		ALL TRACTOR SEMITRAILER COMBINATIONS		4-AXLE OR LESS		5-AXLE		6-AXLE OR MORE		ALL TRUCK-TRAILER COMBINATIONS					
	1949	1948	1949	1948	1949	1948	1949	1948	1949	1948	1949	1948	1949	1948	1949	1948	1949	1948	1949	1948	1949	1948	1949	1948	1949	1948	1949	1948	1949	1948
UNDER 10,000	875	1075	65	32	546	503	6	10	2078	2037	1	5		1		0	1	6	1	-					1		2	6	2080	2043
10,000 - 11,999	1		2	1	118	138	9	6	114	163	5	23		-		0	5	23	-	-						5	23	119	186	
12,000 - 13,999	1				78	133	3	3	90	153	6	6		1		2	6	9	1	-				1		7	9	97	162	
14,000 - 15,999					76	48	6	3	90	57	13	5		8		0	14	13	-	14					14	14	27	104	84	
16,000 - 17,999					54	40	3	5	62	50	16	2	4	7		0	21	9	3	11				3	11	24	20	86	70	
18,000 - 19,999					50	20	-	1	55	24	14	7	2	-		3	17	10	-	6		1			7	17	17	72	41	
20,000 - 21,999					32	18	3	2	38	22	10	9	10	-		0	21	9	6	3		9		7	12	28	21	66	43	
22,000 - 23,999					25	11	1	3	28	16	4	6	11	-		1	15	7	22	3		-		23	3	38	10	66	26	
24,000 - 25,999					7	10	4	5	12	17	10	4	6	3		0	16	7	17	2	1	-		1	19	3	35	10	47	27
26,000 - 27,999					5	1	7	5	13	6	14	8	9	3	4	5	28	17	7	-	1	1	-	9	1	37	18	50	24	
28,000 - 29,999					3	2	3	2	7	4	10	6	8	-	7	0	26	6	-	-	10	3	1	-	12	3	38	9	45	13
30,000 - 34,999					4	1	6	5	11	6	16	7	3	9	18	4	38	21	4	5	22	-	12	4	41	9	79	30	90	36
35,000 - 39,999							4		4		8	5	6	15	7	6	22	27	-	5	-	4	1	5	1	14	23	41	27	41
40,000 - 44,999											6	2	8	7	10	6	24	16	-	-	-	7	5	1	5	8	29	24	29	24
45,000 - 49,999											3	3	15	1	11	7	29	12	3	4	1	2	8	4	13	10	42	22	42	22
50,000 - 54,999												1	14	5	11	6	25	13	2	2	-	1	1	10	3	13	28	26	28	26
55,000 - 59,999							1		1				11	2	6	3	17	5	12	8	1	4	6	2	20	14	37	19	38	19
60,000 - 64,999													4	2	4	3	8	5	11	5	2	1	8	3	22	9	30	14	30	14
65,000 - 69,999													1		5	2	6	2	1		6	1	11	1	19	2	25	4	25	4
70,000 - 74,999															1	1	1	1			15	4	5	2	22	6	23	7	23	7
75,000 - 79,999																0					2	1		1	2	2	2	2	2	2
80,000 - 84,999																1		1			1			1		1	1	1	1	1
85,000 - 89,999																0														
90,000 - 94,999																1		1									1		1	1
95,000 - 99,999																														
TOTAL VEHICLES WEIGHED	877	1075	67	33	998	925	56	50	XXXX	XXXX	136	99	112	64	84	51	XXXX	XXXX	90	68	62	39	58	34	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
TOTAL VEHICLES COUNTED	1357	1407	124	55	1092	1041	60	52	2633	2555	112	100	114	66	84	54	340	220	96	68	67	39	61	34	224	141	564	361	3197	2916

LISTING SHOWING TOTAL WEIGHT, LOADS AND AXLE SPACING OF TRUCKS AND TRUCK COMBINATIONS WITH ONE OR MORE AXLES WEIGHING 18,000 POUNDS OR MORE, ALSO SINGLE-UNIT TRUCKS AND TRUCK COMBINATIONS WEIGHING 13 TONS OR MORE AT 19 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 3, TO SEPTEMBER 1, 1949.

STATION	VEHICLE TYPE DESIGNATION	MAKE	YEAR	MODEL NUMBER	OWNER	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACINGS						PERCENTAGE OVER STATE LAW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
									A	B	C	D	E	F	A-B	B-C	C-D	D-E	E-F	WHEEL BASE	AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLE GROUP																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
																					B	C	D	E	F		AXLE GROUP	PER-CENT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
7	2S1	International	47	KB7	Mayflower Line	Furn.	F.H.	26960	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	ft.	ft.	ft.	ft.	ft.	ft.	19.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

NOTE: STATE LAW AND A.A.S.H.O. RECOMMENDATIONS ARE IDENTICAL

LISTING SHOWING TOTAL WEIGHT, AXLE LOADS AND AXLE SPACING OF TRUCKS AND TRUCK COMBINATIONS WITH ONE OR MORE AXLES WEIGHING 18,000 POUNDS OR MORE, ALSO SINGLE-UNIT TRUCKS AND TRUCK COMBINATIONS WEIGHING 13 TONS OR MORE

AT 19 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 3, TO SEPTEMBER 1, 1949.

STATION	VEHICLE TYPE DESIGNATION	MAKE	YEAR	MODEL NUMBER	OWNER	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACINGS						PERCENTAGE OVER STATE LAW								
									A	B	C	D	E	F	A-B	B-C	C-D	D-E	E-F	WHEEL BASE	AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLE GROUP		
																					B	C	D	E	F		AXLE GROUP	PER- CENT	
7	3	International	42	M-5H-6	Leo Keith	Lumber	Pri.	35885	5730	15170	14985				14.6	3.7				18.3									
9	3-3	Freightliner	49	C3753M	Con. Freight Linee	Frt.	F.H.	67865	7885	13635	13180	17215	8505	7445	13.8	4.3	13.4	19.0	4.3	54.8						B-D	4.6		
	2S1	International	38	D 35	Guy K. McLung	Lumber	Pri.	27235	4185	11750	11300				12.0	14.7				26.7									
	3-3	Freightliner	48	A	Con. Freight Linee Portland, Oregon	Frt.	F.H.	57630	7790	13020	13110	13020	5550	5140	13.5	4.3	13.6	19.6	4.0	55.0									
	3-2	International	49	W3042L	Taber Bros. Great Falle, Montana	Oil	F.H.	80740	8270	22700	11850	18180	19740		16.8	4.2	13.6	20.8		55.4	26.1		1.0	9.6		12.3	B-D	25.3	
	2S1	Diamond T	48	6-14	C. T. Bowman Great Falle, Montana	Concrete Block	Pri.	44790	4030	20810	19950				12.6	18.2				30.8	15.6	10.8							
	3-2	Kenworth	49	HG825C	H. F. Johnson Billinge, Montana	Gae	F.H.	71980	7910	15210	14940	16680	17240		18.3	4.4	13.8	19.3		55.8						B-D	11.3		
	2S2	International	48		Dave Darrock Great Falle, Montana	Oil	Pri.	47510	5520	15490	13390	13110			12.3	12.3	4.0			28.6									
	2S2	International	37	D50L	Harry Walker Bozeman, Montana	Frt.	F.H.	55110	6250	18560	16240	14060			13.4	19.2	4.0			36.6	3.1								
	2S2	G. M. C.	48	ADCR	Blue Star Food Prod. Council Bluffs, Iowa	Pro.	Pri.	62720	7130	22990	15820	16780			13.4	18.8	4.0			36.2	27.7				8.9	B-D	19.3		
	2S2	Kenworth	45	521SP	N. P. Transport Billings, Montana	Frt.	F.H.	55310	7370	27510	10470	9960			13.8	23.0	4.0			40.8	52.8								
	3-2	Kenworth	41	523KSW	N. P. Traneport Billings, Montana	Road Oil	F.H.	69350	8690	14970	16220	13620	15850		18.0	4.0	16.6	17.8		56.4						B-E	2.4		
	2S2	International	46	K-22	H. L. Aeshbaugh Prosee , Washington	Pro.	Pri.	58900	9340	18020	16060	15480			14.8	18.7	4.0			37.5	0.1					B-D	6.4		
	3-3	Kenworth	49	CL532	Hill & Miller Wallace, Idaho	Pro.	Pri.	58510	10010	10880	10710	12330	7250	7330	17.0	4.4	13.7	12.2	4.0	51.3									
	3-3	Kenworth	48	HG825C	Taber Bros. Great Falle, Montana	Gae	F.H.	72800	8580	14590	13570	14210	10270	11480	16.2	4.3	14.4	15.7	4.0	54.6						1.2	B-F	8.4	
	2S1	G. M. C.	49	ACR523	A. H. Grass Great Falle, Montana	Oil	F.H.	40220	5030	17390	17800				13.3	15.9				29.2									
	3S2	Kenworth	40	CC523	N.W. Improvement Co. Billings, Montana	Frt.	F.H.	46820	7690	11430	11660	7910	8130		15.2	4.4	21.6	4.0		45.2									
	3-3	Freightliner	48		Con. Freight Linee Portland, Oregon	Frt.	F.H.	70670	9700	13450	13630	10980	11740	11170	13.5	4.3	13.6	19.7	4.3	55.4									
	3-3	Kenworth	46	523	Taber Bros. Great Falls, Montana	Gae	F.H.	72120	8760	14180	13790	13440	10650	11300	15.2	4.4	16.0	14.2	4.0	53.8						1.3	B-F	5.6	
	3S2	Mack	48	L.T.S.W	Rice Truck Lines Great Falls, Montana	Frt.	F.H.	74680	9260	15130	17410	17450			17.6	4.8	15.6	17.6		55.6						2.9	B-E	10.4	
	3-3	Freightliner	40	A	Con. Freight Lines Portland, Oregon	Frt.	F.H.	68790	10240	11160	13650	14610	9830	9300	13.6	4.2	13.3	19.6	3.8	54.5									
	2S2	International	49	KB 12	C. O. Herme Basin City, Iowa	Eggs	Pri.	58770	7400	21430	14850	15090			12.9	17.5	3.9			34.3	19.1					5.0	B-D	14.6	
	3-3	Freightliner	47	A	Con. Freight Lines Portland, Oregon	Frt.	F.H.	56650	8460	10620	10880	9830	8270	8590	13.4	4.3	13.4	17.7	4.0	52.8									
	3-3	Freightliner	49	DFXH	Con. Freight Lines Portland, Oregon	Frt	F.H.	66390	8550	12560	11830	15770	8770	8910	13.5	4.2	13.5	19.6	4.2	55.0									
	3-2	Kenworth	49	CC825	Taber Broe. Great Falls, Montana	Gas	F.H.	71180	9010	15650	14450	15840	16230		16.0	4.3	16.2	18.6		55.1						B-E	3.6		
	3	International	48	W4004HL	Taber Bros. Great Falle, Montana	Empty	F.H.	34460	7040	13620	13800				14.4	4.0				18.4						5.7	A-C	5.7	
	3-2	International	48	W4004HL	Taber Bros. Great Falle, Montana	Empty	F.H.	29590	8230	5930	6130	4840	4460		14.9	4.0	17.7	19.4		56.0									
	3-3	Peterbuilt	44	354HDT	Taber Broe. Great Falls, Montana	Empty	F.H.	29550	7490	5820	6200	3610	3450	2980	14.5	4.0	17.2	14.3	4.0	54.0									
	3-2	Kenworth	45	523	L. M. Hageman Laurel, Montana	Empty	F.H.	50880	8970	6160	6230	4820	4700		17.6	4.0	16.2	18.0		55.8									

LISTING SHOWING TOTAL WEIGHT, AXLE LOADS AND AXLE SPACING OF TRUCKS AND TRUCK COMBINATIONS WITH ONE OR MORE AXLES WEIGHING 18,000 POUNDS OR MORE, ALSO SINGLE-UNIT TRUCKS AND TRUCK COMBINATIONS WEIGHING 13 TONS OR MORE.

AT 19 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 3, TO SEPTEMBER 1, 1949.

STATION	VEHICLE TYPE DESIGNATION	MAKE	YEAR	MODEL NUMBER	OWNER	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACINGS						PERCENTAGE OVER STATE LAW								
									A	B	C	D	E	F	A-B	B-C	C-D	D-E	E-F	WHEEL BASE	AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLE GROUP		
																					B	C	D	E	F		AXLE GROUP	PER- CENT	
9	3-3	Freightliner	47		Con. Freight Lines Portland, Oregon	Frt.	F.H.	63520	9210	11070	11920	14380	8790	8150	13.8	4.2	13.5	17.4	4.4	53.3									
	3-3	Peterbuilt	47	275	T. W. Lawer Seattle, Washington	Empty	Pri.	32210	8750	6000	5900	4350	3540	3670	16.6	4.0	14.0	15.2	4.0	53.8									
	2S2					Frt.	F.H.	42510	8180	9700	10410	6770	7450		15.0	4.4	21.5	3.9		44.8									
	3S2	International	47	W3042L	N.W. Freight Lines Billings, Montana	Frt.	F.H.	49170	8490	12690	13540	7060	7390		15.1	4.3	27.8	4.0		51.2									
	2D	G. M. C.	48	FC453	Joe Matelich Anaconda, Montana	Beer	Pri.	26810	5440	21270					13.4					13.4	18.2								
	3-2	International	47	- - -	Taber Bros. Great Falls, Montana	Empty	F.H.	31110	8440	8840	3740	5130	4960		16.8	4.2	13.6	20.8		55.4									
	3	Studebaker	42			Beer	Pri.	26490	5310	10460	10720				11.8	3.7				15.5									
	2-2	International	41	KS8	E. L. Jones Billings, Montana	Oil	F.H.	57270	6260	17470	15940	17600			13.4	10.2	14.9			38.5					B-D		5.5		
	3-2	Kenworth	41	523KSW	N.P. Transport Billings, Montana	Empty	F.H.	30090	7950	5710	6810	4510	5110		18.0	4.0	16.6	17.8		56.4									
	2S1	International	42	K8	Lyon Van Lines Portland, Oregon	Furn.	F.H.	26110	5540	12310	8260				12.4	16.2				28.6									
11	3	Kenworth	37	D346C	N. P. Transport Billings, Montana	Frt.	F.H.	38840	9610	14040	15190				18.4	4.4				22.8									
	2S2	Freightliner	46		Karst Freight Lines Bozeman, Montana	Frt.	F.H.	53155	8030	18965	12920	13240			14.3	18.3	4.3			36.9	5.2								
	3S2	Kenworth	49	CC-523	N.W. Improvement Co. Billings, Montana	Frt.	F.H.	53595	8285	12495	12020	11300	9495		15.2	4.4	22.0	4.4		46.0									
	3-3	Freightliner	48	A	Consolidated Freight Butte, Montana	Frt.	F.H.	68465	9035	13355	11715	12845	10835	10680	13.7	4.4	13.4	18.2	4.4	54.1									
	2-2	White	40	720 PC	N. P. Transport Billings, Montana	Oil	F.H.	64120	9345	19095	18030	17650			16.7	12.0	14.5			43.2	6.1	0.2			1.6	B-D		9.4	
	2S1	G. M. C.	49	FC 303	Ray Vandecar Bozeman, Montana	Lumber	Pri.	34580	3775	15480	15325				13.4	11.8				25.2									
	2S1	Autocar	45	DC1006	Safeway Stores Butte, Montana	Gro.	Pri.	40810	8565	19455	12790				15.5	15.3				30.8	8.1								
	3S2	Kenworth	42	523KSW	N. P. Transport Billings, Montana	Frt.	F.H.	40915	8400	10400	9945	6230	5940		15.4	4.0	22.0	4.0		45.4									
	2D	G. M. C.	37	T61HB	A.C.M. Co. Butte, Montana	Gravel	Pri.	26215	8090	18125					13.2					13.2	0.7								
	2D	G. M. C.	40	AC 700	Pioneer Fuel&BrickCo. Butte, Montana	Lime	Pri.	25405	6655	18750					13.4					13.4	4.2								
	3S2	Kenworth	42	523KSW	N. P. Transport Billings, Montana	Empty	F.H.	29185	8450	8435	3610	4310	4345		15.4	4.0	22.0	4.0		45.4									
	3S2	Kenworth	40	523KSW	Garett Freight Billings, Montana	Frt.	F.H.	54040	8510	12975	12260	10705	9590		16.0	4.0	21.9	4.0		45.9									
	2S1	International	46	BID	Skellet Van & Storage Butte, Montana	Furn.	Pri.	26745	4505	11505	10735				11.2	21.3				32.5									
	2S1	International	41	KB	-----	Furn.	F.H.	28650	4425	13030	11195				11.4	21.2				32.6									
	2D	G. M. C.	37	T614B	A.C.M. Co. Butte, Montana	Gravel	Pri.	27745	8345	19400					13.2					13.2	7.8								
	3S2	Kenworth	49	CC-523	N.W. Improvement Co. Billings, Montana	Empty	F.H.	31170	8215	7005	5950	4935	5065		15.2	4.5	21.9	4.5		46.1									
	3	International	47	K138FL	Ryan Fruit Co. Butte, Montana	Gro.	Pri.	29470	7045	11280	11145				27.0	4.0				31.0									
3S2	Reo	48	31B	V. Lenz Butte, Montana	Peaches	Pri.	56760	7590	16295	9405	10745	12725		13.7	4.0	23.0	4.0		44.7										

TING SHOWING TOTAL WEIGHT, A LOADS AND A SPACING OF TRUCKS AND TRUCK COMBINATIONS WITH ONE OR MORE WEIGHING 18,000 POUNDS OR MORE, ALSO SINGLE-UNIT TRUCKS A TRUCK COME IONS WEIGHING 13 TONS OR MORE

AT 19 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 3, TO SEPTEMBER 1, 1949.

STATION	VEHICLE TYPE DESIGNATION	MAKE	YEAR	MODEL NUMBER	OWNER	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACINGS						PERCENTAGE OVER STATE LAW									
									A	B	C	D	E	F	A-B	B-C	C-D	D-E	E-F	WHEEL BASE	AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLE GROUP			
																					B	C	D	E	F		AXLE GROUP	PER- CENT		
11	3	Chevrolet	47	Q.W.G.	A. M. Abrahams Butte, Montana	Cement	F.H.	30190	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	ft.	ft.	ft.	ft.	ft.	ft.										
	2-D	Federal	44	45M	Victoria Mines Inc. Sheridan, Montana	Lime	Pri.	32265	6180	26085						13.0						14.6								
	3S2	-----	-----	-----	-----	-----	---	31540	7855	8360	6595	5150	3580			15.2	4.4	22.0	4.4											
	2-D	-----	-----	-----	-----	-----	---	30170	11890	17980						13.2														
	3S2	Kenworth	49	CC-523	N.W. Improvement Co. Billings, Montana	Fr.	F.H.	51050	8015	11225	11230	9750	10830			15.4	4.4	18.6	4.4											
	3-3	-----	-----	-----	-----	-----	---	67385	8460	11910	10800	13870	11060	11285		13.5	4.4	13.5	19.6	4.4										
	3-2	Kenworth	49	HG825C	Motor Equipment Co. Billings, Montana	Empty	F.H.	31440	8410	6640	6340	4880	5170			18.3	4.3	14.2	18.8											
	3-2	Mack	48	LTSW	Bise Truck Line Laurel, Montana	Gas	F.H.	60040	9510	15310	15240	13640	6340			17.0	4.6	16.2	18.3											
	2S2	International	47	---	Idaho Beverage Co. Idaho Falls, Idaho	Beer	Pri.	57430	8610	20870	14110	13840				15.0	15.9	4.1				15.9		1.1	B-D	11.2				
	3S2	Kenworth	48	BC3250	Garrett Frt. Lines Butte, Montana	Fr.	F.H.	37120	8500	8560	7140	6420	6500			15.9	4.4	21.1	4.4											
13	22	Federal	41	---	M. Anderson Idaho Falls, Idaho	Concrete Blocks	Pri.	29230	5600	23630						15.0						31.3								
	3-3	Kenworth	37	HB	Garrett Frt. Lines Butte, Montana	Empty	F.H.	33840	7450	5810	5940	5920	4540	4180		17.3	4.4	13.3	13.2	4.0										
	3-3	Kenworth	41	HB	Garrett Frt. Lines Butte, Montana	Fr.	F.H.	43330	9430	9730	9620	4600	4820	5130		17.0	4.4	13.3	13.2	4.0										
	2S2	Auto-Car	46	AECA	R. C. Rodwen Los Angeles, Calif.	Oranges	Pri.	67500	8810	16550	11870	12970	17300			15.9	4.4	21.1	4.4				3.2	B-E	11.4					
	17	2S2	International	41	K7C0E	N. P. Transport Billings, Montana	Fr.	F.H.	37130	6940	17250	6440	6500			14.4	13.9	4.0												
	3	Chevrolet	35	QD	-----	Pro.	F.H.	32550	5230	14410	12910					14.5	3.5													
	3S2	Auto-Car	49	DC10064	Safeway Stores Butte, Montana	Empty	Pri.	33320	8460	7280	7230	5280	5070			15.9	4.0	22.0	4.0											
	3S2	Auto-Car	49	DC10064	Safeway Stores Butte, Montana	Gro.	Pri.	53245	9010	14510	9780	10760	9185			14.9	4.0	27.0	4.0											
	3S2	Auto-Car	49	DC10064	Safeway Stores Butte, Montana	Gro.	Pri.	53480	9010	14510	9690	9970	10300			14.9	4.0	27.0	4.0											
	3S2	Kenworth	47	8-25	N.W. Freight Lines Billings, Montana	Fr.	F.H.	52800	8240	13370	10980	10660	9550			14.0	4.3	26.4	4.3											
	2-2	International	44	KR11L	H. F. Johnson Billings, Montana	Oil	F.H.	30140	6030	7240	8690	8180				16.5	12.5	15.0												
	3-3	Freightliner	47	308	Con. Freight Lines Seattle, Washington	Fr.	F.H.	47190	10180	8430	8350	10890	5050	4290		13.6	4.5	13.4	19.4	4.5										
	2S1	Chevrolet	46	PWH	Jack Lewis Libby, Montana	Posts	Pri.	28120	3070	12950	12100					14.2	17.5													
	3S2	Kenworth	49	CC523	N.W. Improvement Co. Missoula, Montana	Fr.	F.H.	44630	7440	10290	10230	8110	8560			15.2	4.5	21.9	4.5											
	3S2	Kenworth	45	523	N. P. Transport Billings, Montana	Fr.	F.H.	43520	8160	10330	10040	8540	6450			15.4	4.2	21.9	4.2											
	2S2	Auto-Car	45	DC10064	Safeway Stores Butte, Montana	Gro.	Pri.	47690	8410	20120	9260	9900				15.4	15.2	4.2												
	3S2	Auto-Car	47	DC10064	Safeway Stores Butte, Montana	Empty	Pri.	31120	7850	7160	6810	4660	4640			14.6	4.0	22.2	4.0											
	3S2	Auto-Car	49	DC10064	Safeway Stores Butte, Montana	Empty	Pri.	31960	8440	7210	6670	4270	5370			15.0	4.0	16.9	4.0											
	3S2	Auto-Car	44	DC10064	Safeway Stores Butte, Montana	Empty	Pri.	30990	8100	6930	6630	4600	4730			14.5	4.0	22.4	4.0											

TESTING SHOWING TOTAL WEIGHT, AXLE LOADS AND AXLE SPACING OF TRUCKS AND TRUCK COMBINATIONS WITH ONE OR MORE AXLES WEIGHING 18,000 POUNDS OR MORE, ALSO SINGLE-UNIT TRUCKS AND TRUCK COMBINATIONS WEIGHING 13 TONS OR MORE
AT 19 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 3, TO SEPTEMBER 1, 1949.

STATION	VEHICLE TYPE DESIGNATION	MAKE	YEAR	MODEL NUMBER	OWNER	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACINGS						PERCENTAGE OVER STATE LAW										
									A	B	C	D	E	F	A-B	B-C	C-D	D-E	E-F	WHEEL BASE	AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLE GROUP				
																					B	C	D	E	F		AXLE GROUP	PER- CENT			
								lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	ft.	ft.	ft.	ft.	ft.	ft.												
17	3S2	Kenworth	49	CC523	N.W. Improvement Co.	Frtn.	F.H.	35150	8360	10360	6770	4350	5310	14.5	4.0	22.2	4.0		44.7												
30	2S2	Auto-Car	46	C90	Missoula, Montana Ward Stephens	Furn.	Pri.	53270	9350	19100	14120	10700		13.9	24.2	4.4			42.5	6.1											
03		International	47	KBBFL	Billings, Montana Ryan Grocery Co.	Gro.	Pri.	36770	5310	15710	15700			16.0	4.0				20.0												
	2S2	International	47	KB512L	Billings, Montana Frank Stephens	Cattle	Pri.	46465	6325	16855	11700	11585		13.0	24.6	4.0			41.6												
	2S1	Diamond T	47	614	Billings, Montana Walter Woody	Hay	Pri.	41535	4100	17710	19725			11.6	18.4				30.0		9.6										
	2D	Diamond T	46	404	Red Lodge, Montana Walter Woody	Hay	Pri.	22590	4350	18240				14.7					14.7	1.3											
	2-2	International	46	KR11L	Red Lodge, Montana H. F. Johnson	Gas	F.H.	60175	7660	17665	17565	17285		16.6	13.3	18.5			48.4												
	2S1	White	48	WB22T	Billings, Montana Jim Short	Gravel	Pri.	47765	5435	19785	22545			12.4	12.4				24.8	9.9	25.2						B-C		16.1		
	3S2	Indiana	34	19DR	Billings, Montana Northern Pacific	Frtn.	F.H.	51025	8300	12615	12215	8555	9340	15.6	4.0	19.6	4.0		43.2												
	2S2	G. M. C.	48	LGR	Billings, Montana Hall & Hill	Mach.	Pri.	28175	7525	11510	4620	4520		13.4	20.4	4.4			38.2												
	2-2	International	48	KB8L	Texas E. L. Jones	Oil	F.H.	47560	6925	14385	14450	11800		15.0	11.3	15.6			41.9												
	2S2	International	48	KD8	Billings, Montana Northern Pacific	Frtn.	F.H.	35180	7900	12610	7505	7165		12.2	17.0	4.0			33.2												
	3-2	Kenworth	48	HG825C	Embry & Jordan	Oil	F.H.	76145	9400	15885	14925	17745	18190	18.4	4.4	12.5	20.4		55.7			1.1		4.9	B-D		17.9				
	2D	International	48	KBS7L	Bozeman, Montana V. Paganini	Sand	Pri.	24580	6450	18130				13.2					13.2	0.7											
	3S2	Auto-Car	47	- - -	Billings, Montana System Motors	Empty	Pri.	46685	9730	8280	9435	9865	9375	14.4	4.2	17.5	4.2		40.3												
	2D	Ford	48	F5	St. Paul, Minn. Albert Birch	Gravel	Pri.	23595	5230	18365				13.1					13.1	2.0											
	2-2	White	44	WA26	Billings, Montana L. W. Hageman	Oil	F.H.	52295	6480	15535	14695	15585		13.3	12.0	15.8			41.1												
	2S1	G. M. C.	40	- - -	Laurel, Montana Big Horn Coop	Gas	F.H.	35700	4800	13680	17220			13.5	15.0				28.5												
	3-3	Chevrolet	46	PWF	Powell, Wyoming Hitz Construction	Mach.	Pri.	50385	2625	5580	5740	11145	12255	13040	11.7	3.7	9.5	16.6	3.4	44.9											
	2S2	International	49	KB81	Billings, Montana Chicago Burlington & Quincy R.R.	Frtn.	F.H.	26230	5295	9395	6140	5400		12.5	17.4	4.0			33.9												
	2-2	White	42	WA26S	Laurel, Montana L. W. Hageman	Oil	F.H.	57295	8515	18105	14445	16230		15.0	12.7	13.3			41.0	0.6											
	2S1	International	47	KB11	Billings, Montana Dick Jones	Cattle	F.H.	34620	6800	14780	13040			15.0	7.6				22.6												
	2S2	Auto-Car	46	C90	Powell, Wyoming Heald Construction	Mach.	Pri.	62810	8580	21900	16100	16230		14.2	21.3	4.0			39.5	21.7				3.3	B-D		12.2				
	2-2	White	44	WA26	Billings, Montana L. W. Hageman	Oil	F.H.	59955	6610	16845	18000	18500		13.6	12.6	16.2			42.4			2.9				B-D		3.0			
	2S2	International	46	KS8	Laurel, Montana C. W. Kelles	Mach.	F.H.	45275	5615	15270	12270	12120		13.6	19.4	4.4			37.4												
	2S2	International	47	KBS12L	Powell, Wyoming Frank Stephens	Empty	Pri.	26765	6920	9615	5385	4845		13.3	24.0	4.0			41.3												
	2S2	Auto-Car	46	C90	Billings, Montana Ward Stephens	Empty	Pri.	29337	9300	10430	4760	4847		14.0	24.4	4.0			42.4												

LISTING SHOWING TOTAL WEIGHT, LOADS AND THE SPACING OF TRUCKS AND TRUCK COMBINATIONS WITH ONE OR MORE TRUCKS WEIGHING 18,000 POUNDS OR MORE, ALSO SINGLE-UNIT TRUCKS TRUCK COMBINATIONS WEIGHING 13 TONS OR MORE
AT 19 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 3, TO SEPTEMBER 1, 1949.

STATION	VEHICLE TYPE DESIGNATION	MAKE	YEAR	MODEL NUMBER	OWNER	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACINGS						PERCENTAGE OVER STATE LAW							
									A	B	C	D	E	F	A-B	B-C	C-D	D-E	E-F	WHEEL BASE	AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLE GROUP	
																					B	C	D	E	F		AXLE GROUP	PER-CENT
30	3S2	Indiana	34	19DR	Northern Pacific Billings, Montana	Frtn.	F.H.	32880	8090	7935	7840	4105	4910		15.5	4.0	19.8	4.0		43.3								
36	3S2	Kenworth	45	523	L. W. Hageman Laurel, Montana	Gas	F.H.	67140	8940	13090	13380	15850	15880		17.8	4.0	16.4	18.2		56.4								
	2S2	G. M. C.	48	426	Graham Home Houston, Texas	Mach.	Pri.	44240	5410	14080	12740	12010		13.4	19.6	3.8			36.8									
	3S2	Kenworth	46	523	Great Northern R.R. Great Falls, Montana	Frtn.	F.H.	47290	8500	10760	7720	10070	10240		15.0	4.4	21.8	4.4		45.6								
	3-2	Mack	48	LTSW	Rice Truck Lines Great Falls, Montana	Empty	F.H.	32190	4690	6830	6810	4770	5090		17.8	4.6	15.6	17.8		55.8								
	2S2	International	37	D50L	Harry Walker Bozeman, Montana	Flour	F.H.	49180	5800	15940	14360	13080		13.5	19.2	4.0			36.7									
	3S2	G. M. C.	49	ADCW 945	Great Northern R.R. Great Falls, Montana	Frtn.	F.H.	36490	7580	8880	8810	5360	5860		16.0	4.4	22.5	4.0		46.9								
	2S1	White	46	WA22	Gamble Robinson Great Falls, Montana	Gro.	Pri.	33320	5190	15850	12280			12.0	18.2				30.2									
	2-2	Kenworth	45	H542-11	Papin & Son Great Falls, Montana	Empty	Pri.	31930	7550	13200	4650	6530		10.2	9.4	9.4			29.0									
	3-3	Freightliner	48	A	Consolidated Frt. Portland, Oregon	Frtn.	F.H.	44570	8180	6570	6440	9400	7170	6810	13.7	4.4	13.8	19.6	4.4	55.9								
	3	International	36	35T	Henry Sharon Great Falls, Montana	Gravel	Pri.	27500	4640	12090	10770			12.0	3.5				15.5									
	2S2	International	47	KBR11L	Safeway Stores Butte, Montana	Empty	Pri.	26540	5630	10940	4840	5090		13.6	14.6	4.2			32.4									
	2-2	Kenworth	45	H542-11	Pappin & Son Great Falls, Montana	Gravel	Pri.	55410	7620	12870	16800	18120		10.2	9.4	9.4			29.0			0.7		7.0	B-D	11.2		
	3	G. M. C.						26420	4860	12600	8960			12.2	3.6				15.8									
	2S1	International	47	KBS6L	Vehicle Rental Co. Great Falls, Montana	Cream	Pri.	29070	4720	13490	10860			13.6	13.5				27.1									
	3	International	36	35T	Henry Sharon Great Falls, Montana	Gravel	Pri.	28160	4630	12590	10940			12.0	3.5				15.5									
	2-2	Kenworth	45	H542-11	Pappin & Son Great Falls, Montana	Gravel	Pri.	31120	7290	12870	4230	6730		10.2	9.4	9.4			29.0									
	3-2	Kenworth	45	523	L. W. Hageman Laurel, Montana	Empty	F.H.	28650	7680	5760	5830	4700	4680		17.9	4.0	16.4	18.2		56.5								
	3S2	G. M. C.	48	ADCW 953	Highway Motor Frt. Lewistown, Montana	Frtn.	F.H.	30810	7080	7840	8090	5770	2030		14.7	4.0	23.0	4.2		45.9								
	3-3	Freightliner	40	A	Con. Freight Lines Portland, Oregon	Frtn.	F.H.	45090	6320	12150	11050	7420	4120	4030	13.6	4.3	13.7	19.8	4.0	55.4								
	3-2	Kenworth	48	CD825	L.W. Hageman Laurel, Montana	Empty	F.H.	31510	9170	8740	4870	4510	4220		15.2	4.5	18.2	18.3		56.2								
	2-2	International	40	DS50	C. J. Rogers Great Falls, Montana	Gas	F.H.	54910	6640	16640	15610	16020		13.4	11.1	18.0			42.5									
	2D	International	41	KB5	Jack James Great Falls, Montana	Mach.	F.H.	23720	4380	19340				16.2					16.2	7.4								
	2-2	Kenworth	45	H542-11	Papin & Son Great Falls, Montana	Gravel	Pri.	55860	6890	13310	17040	18620		10.2	9.4	9.4			29.0			3.4		7.8	B-D	13.9		
	3-3	Freightliner	45	H	Con. Freight Lines Portland, Oregon	Frtn.	F.H.	59700	7920	11640	10120	13330	8620	8070	13.6	4.3	13.6	19.7	4.2	55.4								
	3	International	36	35T	Henry Sharon Great Falls, Montana	Gravel	Pri.	27440	4570	12160	10710			12.0	3.5				15.5									
	3-2	Kenworth	45	523	Bice Truck Lines Laurel, Montana	Gas	F.H.	60720	9290	11740	10020	14830	14840		18.6	4.3	15.2	18.4		56.5								

LISTING SHOWING TOTAL WEIGHT, AXLE LOADS AND AXLE SPACING OF TRUCKS AND TRUCK COMBINATIONS WITH ONE OR MORE AXLES WEIGHING 18,000 POUNDS OR MORE, ALSO SINGLE-UNIT TRUCKS AND TRUCK COMBINATIONS WEIGHING 13 TONS OR MORE AT 19 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 3, TO SEPTEMBER 1, 1949.

STATION	VEHICLE TYPE DESIGNATION	MAKE	YEAR	MODEL NUMBER	OWNER	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACINGS						PERCENTAGE OVER STATE LAW								
									A	B	C	D	E	F	A-B	B-C	C-D	D-E	E-F	WHEEL BASE	AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLE GROUP		
																					B	C	D	E	F		AXLE GROUP	PER-CENT	
36	3-3	Kenworth	46	523	Taber Bros. Great Falls, Montana	Empty	F.H.	30240	7830	5910	5560	4250	3300	3390	15.5	4.5	16.3	14.2	4.0	54.5									
	3	International	36	C30	Earl Bourne Great Falls, Montana	Sand	Pri.	27940	4420	12050	11470				11.0	3.5				14.5									
	2S1	International	45	R.S.7	J. Shopine Houston, Texas	Mach.	Pri.	32840	5090	12940	14810				14.8	17.8				32.6									
	3S2	G. M. C.	49	ADCW 915	Great Northern R.R. Great Falls, Montana	Empty	F.H.	27070	6790	5950	6380	4030	3920		16.2	4.5	22.7	4.7		48.1									
	2-2	Kenworth	45	H542-11	Papin & Son Great Falls, Montana	Empty	Pri.	30250	7050	12560	4430	6210			10.2	9.4	9.4			29.0									
	2S2	International	47	KBR11L	Safeway Stores Butte, Montana	Gro.	Pri.	29020	6380	12560	4650	5430			13.6	14.6	4.2			32.4									
	3	International	36	35T	Henry Sharon Great Falls, Montana	Sand	Pri.	27000	4550	11840	10610				12.0	3.5				15.5									
	2-2	Kenworth	45	H542-11	Papin & Son Great Falls, Montana	Gravel	Pri.	55860	7300	12580	16910	19070			10.2	9.4	9.4			29.0			5.9			7.8	B-D	12.9	
	3	G. M. C.	42	4X6	Jack Reed Great Falls, Montana	Sand	Pri.	27550	5070	11930	10550				12.2	3.6				15.8									
	2-2	Kenworth	45	H542-11	Papin & Son Great Falls, Montana	Gravel	Pri.	33140	7140	12750	6680	6570			10.2	9.4	9.4			29.0									
41	2-2	International	49	KBS12L	Balsam-DeFrance Miles City, Montana	Gas	F.H.	60370	8600	17700	17010	17060			16.2	8.2	16.2			40.6							B-D	9.0	
	3-2	Kenworth	46	523	Bice Truck Lines Laurel, Montana	Gas	F.H.	72410	9930	14770	14640	16710	16360		18.7	4.4	14.8	18.4		56.3							B-D	7.3	
	2-2	International	48	KBS12-L	Houck Transport Billings, Montana	Gas	F.H.	60200	8200	17900	17500	16600			15.6	8.4	17.0			41.0							B-C	8.6	
	2-2	Kenworth	48	585	H. F. Johnson Billings, Montana	Gas	F.H.	61610	9500	17280	17400	17430			15.0	8.5	16.0			39.5					1.3	B-D	7.8		
	2-2	International	46	KR11L	Balsam DeFrance Miles City, Montana	Road Oil	F.H.	69800	9200	21500	19000	20100			15.0	11.2	15.8			42.0	19.4	5.6	11.7			11.9	B-D	20.9	
	3-2	Kenworth	47	HG825C	H. F. Johnson Billings, Montana	Gas	F.H.	72480	8840	16300	13900	16370	17070		18.5	4.4	14.0	19.6		56.5							B-D	10.7	
	2S1	International	46	K7	Chicago Transfer Chicago, Illinois	Furn.	F.H.	26170	4000	10440	11730				11.2	18.3				29.5									
	2S1	Ford	49	F-6	Taylor Drilling Co. Winnett, Montana	Mach.	Pri.	28020	4100	13750	10170				13.2	21.5				34.7									
	2S1	G. M. C.	47	ALR623	M. B. Stallard Miles City, Montana	Frt.	F.H.	27100	5400	11800	9900				13.5	14.1				27.6									
	3-3	Freightliner		A448	Con. Freight Lines Portland, Oregon	Frt.	F.H.	42500	6700	6200	6000	8100	8300	7200	13.6	4.4	13.5	19.6	4.4	55.5									
	3S2	Kenworth	49	CC523	N.W. Improvement Co. Billings, Montana	Frt.	F.H.	36910	8300	8710	9500	5600	4800		15.4	4.0	22.6	4.0		46.0									
	2D	International	48	KB11	Taylor Drilling Co. Winnett, Montana	Mach.	Pri.	29760	8580	21180					17.0					17.0	17.7								
	3	International	48	W45 640ML	Taylor Drilling Co. Winnett, Montana	Mach.	Pri.	56840	11270	23510	22060				23.0	4.4				27.4	30.6	22.6				13.5	B-C	42.1	
	3-2	Kenworth	49	825C	Carlson Trucking Co. Billings, Montana	Empty	F.H.	30240	8500	6260	5800	5040	4640		18.3	4.4	13.5	19.9		56.1									
	3-3	Freightliner	40	240A	Con. Freight Lines Portland, Oregon	Frt.	F.H.	48800	9100	11100	10600	7700	5400	4900	13.6	4.4	13.6	19.8	4.4	55.8									
2S2	International	46	KR11L	Safeway Stores Butte, Montana	Gro.	Pri.	41100	7200	17200	9100	7600			13.6	14.4	4.0			32.0										
3-2	Kenworth	46	523	Bice Truck Lines Laurel, Montana	Empty	Pri.	30615	8975	6400	6200	4800	4240		18.7	4.4	14.8	18.4		56.3										

TABLE 1
LISTING SHOWING TOTAL WEIGHT, AXLE LOADS AND AXLE SPACING OF TRUCKS AND TRUCK COMBINATIONS WITH ONE OR MORE AXLES WEIGHING 18,000 POUNDS OR MORE, ALSO SINGLE-UNIT TRUCKS AND TRUCK COMBINATIONS WEIGHING 13 TONS OR MORE

AT 19 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 3, TO SEPTEMBER 1, 1949.

STATION	VEHICLE TYPE DESIGNATION	MAKE	YEAR	MODEL NUMBER	OWNER	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACINGS						PERCENTAGE OVER STATE LAW							
									A	B	C	D	E	F	A-B	B-C	C-D	D-E	E-F	WHEEL BASE	AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLE GROUP	
																					B	C	D	E	F		AXLE GROUP	PER-CENT
41	2S2	International	45	K8	Farmer's Union Kildeer, N. D.	Gas	Pri.	52945	5600	16800	14945	15600			11.5	17.6	4.0			33.1							B-D	3.4
	2S2	Peterbuilt	47	T1228	Briggs Distributing Billings, Montana	Beer	Pri.	53425	8515	15760	14800	14350			14.5	17.6	4.0			36.1								
	2S2	Kenworth	46	521	Briggs Distributing Billings, Montana	Beer	Pri.	54550	9350	17500	13300	14400			14.7	17.8	4.0			36.5								
	3S2	Peterbuilt	46	400	C. Luce Hesi Stockton, Calif.	Empty	Pri.	36305	9200	8105	7700	6100	5200		16.8	4.0	24.5	4.0		49.3								
	2S1	G. M. C.	48	ACR722	Livingston Milling Co Livingston, Montana	Lumber	Pri.	34400	5400	13600	15400				11.4	18.2				29.6								
43	2S2	White	49	WB28T	Standard Oil Ind. Denver, Colorado	Oil	Pri.	51270	6460	16970	16020	11820			13.2	17.0	4.0			34.2							B-D	.02
	3-3	Freightliner	47	- - -	Con. Freight Lines Portland, Oregon	Frt.	F.H.	66140	9370	10810	11710	15570	10120	8140	13.6	4.2	13.5	19.5	4.4	55.2								
	3-3	Freightliner	48	A	Con. Freight Lines Portland, Oregon	Frt.	F.H.	71020	8970	13220	13040	15390	9730	10670	13.7	4.4	13.8	19.7	4.4	56.0								
	3-2	Kenworth	48	CD825	L. W. Hageman Laurel, Montana	Empty	F.H.	30200	8450	6570	5590	4990	4600		13.3	4.4	18.2	18.0		53.9								
	3-2	Kenworth	45	523	L. W. Hageman Laurel, Montana	Empty	F.H.	32550	9370	6720	6640	4980	4840		17.6	4.0	16.2	18.0		55.8								
	3-3	Freightliner	49	DFXH	Con. Freight Lines Portland, Oregon	Frt.	F.H.	66690	8290	11990	12490	14370	9210	10340	13.7	4.4	13.6	19.8	4.4	55.9								
	3S2	Kenworth	48	HG825C	H. F. Johnson Billings, Montana	Empty	F.H.	29770	7320	6220	6380	5290	4560		18.0	4.4	14.6	16.8		55.8								
	2S2	Auto-Car	47	DC100I	Safeway Stores Butte, Montana	Gro.	Pri.	29810	8470	11030	4980	5330			14.6	14.4	4.0			33.0								
	3S2	Kenworth	49	CC523	N.W. Improvement Co. Billings, Montana	Frt.	F.H.	42510	8260	9900	10560	6500	7290		15.2	4.4	22.4	4.4		46.4								
	2S2	International	48	KBR12L	Northwest Frt. Lines Billings, Montana	Frt.	F.H.	51380	8370	16710	13660	12640			13.4	19.0	4.0			36.4								
	3S2	Kenworth	48	HG825C	H. F. Johnson Billings, Montana	Empty	F.H.	30410	7640	6680	6040	5370	4680		18.4	4.4	14.6	18.3		55.7								
	3-3	Freightliner	49	DFXH	Con. Freight Lines Portland, Oregon	Frt.	F.H.	69900	8530	13800	13480	16120	9050	8920	13.0	4.4	13.8	19.8	4.4	55.4						B-D	3.1	
	2S2	Kenworth	47	521SP	N.W. Freight Lines Billings, Montana	Frt.	F.H.	54180	8630	18250	13070	14230			13.4	19.6	4.0			37.0	1.4							
	3-3	Freightliner	41	- - -	Con. Freight Lines Portland, Oregon	Frt.	F.H.	67800	7790	13610	12770	14550	7900	11180	13.4	4.4	13.8	19.8	4.4	55.8								
	3-3	Freightliner	41	DFXH	Con. Freight Lines Portland, Oregon	Frt.	F.H.	63960	8700	10470	12030	15360	8740	8660	13.5	4.2	13.4	19.5	4.4	55.0								
	3-3	Freightliner	41	- - -	Con. Freight Lines Portland, Oregon	Frt.	F.H.	49600	9380	11320	11480	7880	4300	4740	13.6	4.3	13.4	19.4	4.4	55.1								
	3-3	Freightliner	47	- - -	Con. Freight Lines Portland, Oregon	Frt.	F.H.	49710	8500	8350	8460	11780	6090	6530	13.6	4.3	13.4	19.4	4.4	55.1								
	2S2	Dodge	47	WRA	Albert LaLande Sidney, Montana	Mach.	Pri.	58940	4750	24470	15700	14020			11.2	19.6	3.8			34.6	35.9				3.8	B-D	16.3	
	3S2	Peterbuilt	44	HDT	N. P. Transport Billings, Montana	Frt.	F.H.	41010	8540	9210	10040	6180	7040		15.3	4.0	22.4	4.0		45.7								
	3-3	Freightliner	48	A	Con. Freight Lines Portland, Oregon	Frt.	F.H.	43850	8890	10740	11290	5130	4500	3300	13.6	4.4	13.4	19.6		51.0								
45	2S1	- - - - -	- - - - -	- - - - -	- - - - -	Autcs	Pri.	29880	4020	13750	12110				11.6	26.8				38.4								
	2D	International	47	KB8	Hamm's Beer Williston, N. D.	Beer	Pri.	30950	6550	24400					18.5					18.5	35.6							

STING SHOWING TOTAL WEIGHT, AXLE LOADS AND AXLE SPACING OF TRUCKS AND TRUCK COMBINATIONS WITH ONE OR MORE TRUCKS WEIGHING 18,000 POUNDS OR MORE, ALSO SINGLE-UNIT TRUCKS AND TRUCK COMBINATIONS WEIGHING 13 TONS OR MORE
AT 19 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 3, TO SEPTEMBER 1, 1949.

STATION	VEHICLE TYPE DESIGNATION	MAKE	YEAR	MODEL NUMBER	OWNER	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACINGS						PERCENTAGE OVER STATE LAW								
									A	B	C	D	E	F	A-B	B-C	C-D	D-E	E-F	WHEEL BASE	AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLE GROUP		
																					B	G	D	E	F		AXLE GROUP	PER- CENT	
								lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	ft.	ft.	ft.	ft.	ft.	ft.									
45	2S1	International	40	- - -	Dakota Transfer Williston, N. D.	Frt.	F.H.	32650	4520	15550	12630				11.5	23.0				34.5									
	2D	G. M. C.	48	- - -	Farmer's Union Williston, N.D.	Feed	Pri.	28220	7570	20650					13.4					13.4	14.7								
	2S2	International	40	- - -	Dakota Transfer Williston, N. D.	Frt.	F.H.	48630	7230	16930	11490	12980			7.7	18.4	4.0			30.1									
	3S1	G. M. C.	42	5X64	Jim Newhall Phoenix, Arizona	Mach.	Pri.	28550	4180	7560	7670	9140			14.8	3.8	22.7			41.3									
	2S2	Mack	47	EHT	James Bussinger Plentywood, Montana	Pro.	Pri.	49010	9250	16800	11780	11180			12.2	19.4	4.0			35.6									
	2S2	International	48	K11	Red Owl Stores Williston, N. D.	Pro.	Pri.	50370	6110	21620	11650	10990			12.5	17.0	4.0			33.5	20.1								
	2S2	Federal	45	65M2	Farmer's Union Froid, Montana	Cattle	Pri.	47490	7590	17150	10900	11950			13.8	17.7	4.2			35.7									
	2-2	Kenworth	48	585	H. F. Johnson Billings, Montana	Gas	F.H.	62520	9510	17710	17720	17580			17.0	8.4	16.0			41.4					1.5	B-D	11.7		
50	3S2	G. M. C.	49	ADCW 954	Great Northern R.R. Great Falls, Montana	Frt.	F.H.	46240	8070	10310	11050	8370	8440		16.1	4.4	22.5	4.2		47.2									
	3S2	G. M. C.	49	ADCW 945	Great Northern R.R. Great Falls, Montana	Frt.	F.H.	55460	8220	12090	11910	12360	10880		15.9	4.3	19.3	4.0		43.5									
	2-2	G. M. C.	48	AF603	Earl J. Gray Augusta, Montana	Oil	F.H.	48500	6120	17650	12150	12580			13.4	13.9	15.2			42.5									
	2S2	G. M. C.	48	AC702	Mont. Concrete Pipe Co. Great Falls, Montana	Concrete Pipe	Pri.	52360	6860	19150	13220	13130			13.3	15.0	4.2			32.5	6.4					B-D	5.8		
	2-2	Chevrolet	42	M.S	Montana Power Great Falls, Montana	- - -	Pri.	27910	3380	8540	6230	9760			13.3	10.6	13.4			37.3									
	3S2	Kenworth	48	HG825	Great Northern R.R. Great Falls, Montana	Frt.	F.H.	30070	7620	7270	7740	3720	3720		15.6	4.4	23.2	4.0		47.2									
	2S1	G. M. C.	46	AC723	General Mills Great Falls, Montana	Flour	Pri.	45490	6150	21340	18000				11.3	17.7				29.0	18.5								
	2S2	G. M. C.	48	AC702	Mont. Concrete Pipe Co. Great Falls, Montana	Pipe	Pri.	49490	6210	16360	13550	13370			13.3	15.0	4.0			32.3						B-D	0.9		
	2S1	G. M. C.	46	AC723	General Mills, Inc. Great Falls, Montana	Flour	Pri.	43290	6090	19290	17990				11.3	17.7				29.0	7.2								
	3S2	Kenworth	49	HG825	Great Northern R.R. Great Falls, Montana	Frt.	F.H.	31060	7990	7620	7100	4220	4130		15.4	4.4	21.8	4.4		46.0									
	2S1	International	47	KBS8L	Vehicle Rental Co. Great Falls, Montana	Cream	Pri.	35660	6060	14520	15080				13.4	13.5				26.9									
	3-2	Kenworth	49	825	Bice Truck Lines Laurel, Montana	Empty	F.H.	29340	8140	5420	4840	5680	5270		15.3	4.5	13.8	19.6		53.2									
	3S2	International	47	KBR2	Equity Coop Assoc. Harlem, Montana	Empty	F.H.	30240	7020	7920	4980	5170	5150		13.6	4.2	22.1	4.2		44.1									
	3-2	Kenworth	48	CD825	Hageman Transfer Laurel, Montana	Empty	F.H.	30640	8430	7150	5800	4930	4330		15.3	4.5	18.2	18.2		56.2									
51	3S2	International	44	HCDM5M 6361	Con. Freight Lines Portland, Oregon	Frt.	F.H.	28800	5630	7220	6920	4440	4590		12.3	3.9	19.9	4.3		40.4									
	2S1	G. M. C.	47	FC453	Dale Janosky Hungry Horse, Mont..	Pro.	Pri.	32630	4520	16380	11730				13.4	16.3				29.7									
	2S1	International	45	KBS5	C. M. Turner Cut Bank, Montana	Pipe	Pri.	27680	4030	13180	10470				13.4	16.0				29.4									
	2S2	G. M. C.	39	AC700	Great Northern R.R. Great Falls, Montana	Frt.	F.H.	35510	6240	14290	7800	7180			12.3	12.7	4.0			29.0									
	2S2	Oshkosh	44	- - -	Cascade County Great Falls, Montana	Mach.	Pri.	29670	9370	11290	4470	4540			14.4	23.5	3.6			41.5									

AT 19 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 3, TO SEPTEMBER 1, 1949.

STATION	VEHICLE TYPE DESIGNATION	MAKE	YEAR	MODEL NUMBER	OWNER	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACINGS						PERCENTAGE OVER STATE LAW													
									A	B	C	D	E	F	A-B	B-C	C-D	D-E	E-F	WHEEL BASE	AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLE GROUP							
																					B	C	D	E	F		AXLE GROUP	PER-CENT						
								lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	ft.	ft.	ft.	ft.	ft.	ft.														
51	3S2	Kenworth	41	523KSW	N. P. Transport Billings, Montana	Empty	F.H.	28780	7650	5960	6490	4330	4350		18.2	4.0	20.2	4.0		46.4														
	2S1	Ford	49	F8	Allied Van Lines	Furn.	F.H.	28050	4450	11760	11840				11.5	21.5				33.0														
	3-2	Kenworth	49	CC825	Taber Bros. Great Falls, Montana	Empty	F.H.	27470	7130	6280	5190	4600	4270		16.2	4.5	16.5	18.8		56.0														
	3-2	Peterbuilt	49	350	H. D. Bell Great Falls, Montana	Empty	F.H.	29550	8460	5660	5710	5270	4450		19.4	4.4	14.5	18.5		56.8														
	3-2	Kenworth	45	523	Bice Truck Lines Laurel, Montana	Gas	F.H.	69260	9390	12540	13700	17100	16530		18.6	4.4	15.2	18.4		56.6						5.8	A-D	12.3						
	3-2	Sterling	45	RWS16 OH	Taber Bros. Great Falls, Montana	Empty	F.H.	29390	7490	5720	5910	5220	5050		16.6	4.0	14.6	20.7		55.9														
53	2-2	International	47	KBR12	G. T. Jordan Cut Bank, Montana	Gas	F.H.	63030	9270	19580	16400	17780			17.7	12.3	18.4		48.4		8.8									B-D	0.5			
	3S2	Auto-Car	46	DC100T	Houck Transfer Co. St. Paul, Minnesota	Gas	F.H.	67980	9380	12430	13590	16330	16250		14.4	4.4	17.4	4.2		40.4						11.8	B-E	19.1						
	3-3	Freightliner	46	A	Con. Freight Lines Portland, Oregon	Empty	F.H.	31130	6910	6070	5860	5040	3670	3580	13.6	4.4	13.8	19.7	4.4	55.9														
	3-3	Freightliner	46	A	Con. Freight Lines Portland, Oregon	Empty	F.H.	31130	6910	6070	5860	5040	3670	3580	13.6	4.4	13.8	19.7	4.4	55.9														
	3-2	Peterbuilt	49	350	H. D. Bell Great Falls, Montana	Empty	F.H.	31210	8860	6660	6470	4570	4650		19.4	4.4	14.8	19.0		57.6														
	2-2	Sterling	47	HD11-15H	Horace D. Bell Great Falls, Montana	Empty	F.H.	26750	8020	8510	5070	5150			13.4	11.2	8.2		42.8															
	3-2	Peterbuilt	49	270DD	G. T. Jordan Great Falls, Montana	Gas	F.H.	73850	9440	15680	15320	16610	16800		19.3	4.4	14.0	17.8		55.5						1.7	B-D	13.1						
	2-2	International	47	KBR12	G. T. Jordan Great Falls, Montana	Empty	F.H.	26410	7670	8610	4980	5150			17.9	12.5	18.4		48.8															
	3S2	Kenworth	48	HG825	Great Northern R.R. Great Falls, Montana	Frt.	F.H.	54840	8340	14230	13460	9590	9220		15.6	4.4	22.3	4.2		46.5														
54	3	Dodge	45	WFM38	Lohof Bros. Billings, Montana	Sand	Pri.	37380	5120	15340	16920				9.1	3.6				12.7										B-C	0.8			
	3S1	Chevrolet	38	T.D.	Henry Steiber Billings, Montana	Mach.	Pri.	49030	8050	11350	11460	18170			11.6	4.4	24.1		40.1															
	2S2	G. M. C.	48	XO	Harrison Bros. Billings, Montana	Eggs	Pri.	60940	6860	20820	16060	17200			12.4	19.1	4.2		35.7		15.7					5.8	B-D	16.1						
	3S2	Kenworth	47	HG825	Great Northern R.R. Great Falls, Montana	Frt.	F.H.	28470	8040	6260	5870	4270	4030		15.6	4.4	22.2	4.4		46.6														
	2D							24890	5590	19300					13.7																			
	3-2	Kenworth	49	HG825C	H. F. Johnson Billings, Montana	Empty	F.H.	29270	7650	6250	5800	4930	4640		18.2	4.4	13.9	19.4		55.9						7.2								
	3S1	Studebaker	43	US6X6	Reidesel Construction Autos Billings, Montana	Pri.		38650	4840	8750	8670	16390			11.7	3.8	16.6		32.1															
	3-3	Freightliner	—	None	Con. Freight Lines Portland, Oregon	Frt.	F.H.	61630	7150	12240	13910	11520	8210	8600	13.7	4.2	13.6	19.4	4.2	55.1														
	3-2	International	44	KR11L	H. F. Johnson Billings, Montana	Empty	F.H.	30580	8680	6580	5640	5070	4610		18.3	4.4	13.3	19.8		55.8														
	2-2	International	44	KS11	Isabel Parker Billings, Montana	Oil	F.H.	64010	9700	18950	17220	18140			18.0	15.4	16.1		49.5		5.3					0.8								
	3-2	International	40	DR506	Bice Truck Lines Laurel, Montana	Empty	F.H.	30730	8520	6510	6170	5020	4510		15.2	4.3	18.0	18.6		56.1														
	3S2	Kenworth	49	CC523	N.W. Improvement Co. Missoula, Montana	Empty	F.H.	32480	8080	7630	7360	4710	4700		15.3	4.4	22.4	4.4		46.5														
	2S2	-----	---	---	-----	Gas	F.H.	57200	7440	17500	15800	16460			12.3	19.3	4.0		35.6											B-D	6.8			
	3-3	Freightliner	48	C-374	Con. Freight Lines Portland, Oregon	Frt.	F.H.	58720	9750	6820	6350	14640	10980	10180	13.6	4.3	13.4	19.7	4.3	55.3														

LISTING SHOWING TOTAL WEIGHT, LOADS AND AXLE SPACING OF TRUCKS AND TRUCK COMBINATIONS WITH ONE OR MORE TRUCKS WEIGHING 18,000 POUNDS OR MORE, ALSO SINGLE-UNIT TRUCKS AND TRUCK COMBINATIONS WEIGHING 13 TONS OR MORE

AT 19 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 3, TO SEPTEMBER 1, 1949.

STATION	VEHICLE TYPE DESIGNATION	MAKE	YEAR	MODEL NUMBER	OWNER	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACINGS						PERCENTAGE OVER STATE LAW							
									A	B	C	D	E	F	A-B	B-C	C-D	D-E	E-F	WHEEL BASE	AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLE GROUP	
																					B	C	D	E	F		AXLE GROUP	PER-CENT
54	2S1	Diamond T	46	702	Fred Parish Billings, Montana	Cattle	Pri.	39890	5700	16580	17610				12.0	20.5				32.5								
	2S1	Chevrolet	48	QPB	-----	Cars	Pri.	27040	3490	12120	11130				9.2	30.5				39.7								
	2-2	International	47	KBS12 L	Balsam & DeFrance Miles City, Mont.	Gas	F.H.	58130	8620	17570	15500	16440			16.0	8.8	16.0			40.8						B-D	2.4	
	2S2	Mack	46	L.J	N.W. Freight Lines Billings, Montana	Frts.	F.H.	58730	8900	18230	15770	15830			12.5	20.4	4.4			37.3	1.3					0.5	B-D	3.1
	3-2	Mack	48	LFSW	Richardson T.Bracket Miles City, Mont.	Gas	F.H.	67890	8330	14490	14290	15600	15180		13.3	4.0	18.4	17.9		53.6								
	3-2	Peterbuilt	49	270DD	G. T. Jordan Great Falls, Mont.	Empty	F.H.	30900	8760	6570	6550	4600	4420		19.3	4.0	14.2	17.9		55.4								
	3S2	Kenworth	47	HC825	Great Northern R.R. Great Falls, Mont.	Frts.	F.H.	40420	8370	10500	9130	6220	6200		15.5	4.0	22.4	4.0		45.9								
	3S2	Kenworth	47	BB521 SP	Hiway Motor Freight Lewistown, Montana	Frts.	F.H.	47080	8270	12130	11520	7460	7700		14.9	4.0	23.0	4.2		46.1								
	3S2	-----	-----	-----	-----	Frts.	F.H.	61390	9380	15060	15340	11050	10560		14.7	4.4	30.8	4.4		54.3								
	3-2	Kenworth	48	HG825 C	H. F. Johnson Billings, Montana	Empty	F.H.	28380	7580	6320	4930	5110	4440		18.4	4.4	14.8	18.6		56.2								
	3-2	Kenworth	46	523	L. W. Hageman Laurel, Montana	Gas	F.H.	72780	9380	14220	13500	17120	18560		17.5	4.4	14.2	18.7		54.8			3.1			1.2	B-E	8.5
	2-2	Kenworth	49	521	Balsam & DeFrance Miles City, Mont.	Empty	F.H.	26070	8160	7950	5000	4960			16.4	8.5	16.2			41.1								
	2S2	International	48	KBR12 L	N.W. Freight Lines Billings, Montana	Frts.	F.H.	53370	8540	17760	14160	12910			13.4	19.4	4.0			36.8								
	2S2	International	47	KB12L	N.W. Freight Lines Billings, Montana	Frts.	F.H.	43800	8230	15680	9130	10760			13.4	18.2	4.2			35.8								
	2-2	International	47	KBS12 L	Balsam & DeFrance Miles City, Mont.	Gas	F.H.	59520	8820	17880	16300	16520			16.2	8.2	15.9			40.3						B-D	6.8	
	2-2	International	49	KBS12 L	Balsam & DeFrance Miles City, Mont.	Gas	F.H.	59570	8620	17600	16610	16740			16.0	7.9	15.9			39.8						B-D	7.3	
	2S1	Ford	49	M242 08	-----	Parts	Pri.	39390	6160	15960	17270				19.0	21.0				40.0								
	2-2	International	47	KBS12 L	Balsam & DeFrance Miles City, Mont.	Empty	F.H.	26040	6750	8880	5440	4970			16.5	12.5	15.2			44.2								
	2-2	International	47	KBS12 L	Balsam & DeFrance Miles City, Mont.	Oil	F.H.	59270	8860	17910	16050	16450			16.5	12.5	15.2			44.2								
	2-2	International	49	KBS12 L	Balsam & DeFrance Miles City, Mont.	Empty	F.H.	26440	7140	9580	4920	4800			16.1	8.0	16.0			40.1								
	2-2	International	49	KBS12 L	Balsam & DeFrance Miles City, Mont.	Oil	F.H.	58860	8760	15420	17080	17600			16.2	8.0	16.0			40.2						B-D	5.5	
	2S2	G. M. C.	48	FC152	Pepsi Cola Co. Lewistown, Montana	Beer	Pri.	57570	8690	21260	14070	13550			14.0	16.0	4.0			34.0	18.1					2.8	B-D	11.3
	3-2	Kenworth	48	HG825 C	H. F. Johnson Billings, Montana	Oil	F.H.	73930	8240	16570	14880	17240	17000		18.5	4.4	14.8	18.3		56.0						1.8	B-D	13.3
	3-3	Freightliner	No	Descr.	Con. Freight Lines Portland, Oregon	Empty	F.H.	34890	8640	7300	6700	5320	3400	3530	13.8	4.3	13.5	19.7	4.4	55.7								
	3S2	Kenworth	49	CC523	N.W. Improvement Co Missoula, Montana	Frts.	F.H.	58860	8540	13230	13670	12100	11320		15.2	4.4	18.7	4.4		42.7								
	2S2	G. M. C.	48	ADCR 753	-----	Frts.	Pri.	59000	6900	19170	17060	15870			12.5	19.0	4.2			35.7	6.5					2.4	B-D	11.8
	2-2	-----	-----	-----	-----	Frts.	Pri.	26180	8360	8240	4780	4800			16.2	8.0	16.0			40.2								
	3-2	Kenworth	45	523	L. W. Hageman Laurel, Montana	Oil	F.H.	73100	9600	15360	15630	15800	16710		17.6	4.0	15.5	18.3		55.4						1.7	B-E	7.2

LISTING SHOWING TOTAL WEIGHT, AXLE LOADS AND AXLE SPACING OF TRUCKS AND TRUCK COMBINATIONS WITH ONE OR MORE AXLES WEIGHING 18,000 POUNDS OR MORE, ALSO SINGLE-UNIT TRUCKS AND TRUCK COMBINATIONS WEIGHING 13 TONS OR MORE

AT 19 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 3, TO SEPTEMBER 1, 1949.

STATION	VEHICLE TYPE DESIGNATION	MAKE	YEAR	MODEL NUMBER	OWNER	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACINGS						PERCENTAGE OVER STATE LAW								
									A	B	C	D	E	F	A-B	B-C	C-D	D-E	E-F	WHEEL BASE	AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLE GROUP		
																					B	C	D	E	F		AXLE GROUP	PER- CENT	
54	2-2	International	49	KBS12L	Balsam & DeFrance Miles City, Montana	Gas	F.H.	60340	8460	17730	16970	17180			16.4	9.0	16.7			42.1								B-D	5.1
	2-2	International	48	KBS12L	Balsam & DeFrance Miles City, Montana	Oil	F.H.	60620	8540	18400	16690	16990			16.2	8.0	16.0			40.2	2.2							B-D	9.7
	2-2	International	48	KBS12L	Houck Transfer Co. Billings, Montana	Oil	F.H.	59700	8040	17490	17210	16960			15.7	8.3	16.7			40.7								B-D	6.8
	3-2	International	40	DR50L	Bice Truck Lines Laurel, Montana	Gas	F.H.	73440	10020	15390	15030	16720	16280		15.0	4.4	18.0	19.9		57.3		0.2						B-D	3.2
	2S2	Mack	48	L.F.T.	-----	Groc.	Pri.	49010	7340	16420	12680	12570			12.6	17.2	3.8			33.6									
	3S2	Kenworth	49	CC523	N.W. Improvement Co Missoula, Montana	Frt.	F.H.	59060	7320	12360	12850	13380	13150		15.2	4.4	22.2	4.4		46.2									
	3-2	Kenworth	47	HG825C	H. F. Johnson Billings, Montana	Oil	F.H.	74220	8920	16230	15200	16530	17340		18.3	4.4	13.6	19.4		55.7		2.2					B-D	14.0	
	2-2	International	42	KS8	E. L. Jones Billings, Montana	Oil	F.H.	57480	6590	18690	14980	17220			14.0	13.0	14.0			41.0	3.8						B-D	1.6	
55	2S1	White	47	150CT	B. L. Leatham ----- Utah	Frt.	F.H.	45870	5610	23830	16430				13.4	18.8				32.2	32.4						---		
	2S2	International	37	D50L	Harry Walker Bozeman, Montana	Flour	F.H.	40080	5530	12620	11560	10370			13.4	19.3	4.0			36.7									
	3S2	Kenworth	47	Not Given	Great Northern R.R. Great Falls, Mont.	Frt.	F.H.	45700	8070	10980	10930	7990	7730		15.5	4.4	22.7	4.0		46.6									
	3-2	Kenworth	47	CD825C	Carlson Bros. Billings, Montana	Gas	F.H.	74130	9920	14260	14620	17910	17420		18.3	4.2	14.3	18.8		55.6		2.1					B-E	9.9	
	3S2	White	---	---	-----	Beer	Pri.	47770	8680	9640	9950	9520	9980		16.5	4.0	23.0	4.0		47.5									
	3S2	Diamond T	41	910	N.W. Freight Lines Billings, Montana	Frt.	F.H.	68780	8030	15250	15570	14670	15260		17.0	4.0	26.7	4.0		51.7							B-E	6.9	
	3-3	Freightliner	47	A-140	Con. Freight Lines Portland, Oregon	Frt.	F.H.	61220	8700	13420	11730	12680	6620	8070	13.8	4.0	13.5	18.0	4.0	53.3									
	3S2	Kenworth	48	HG825	Great Northern R.R. Great Falls, Mont.	Empty	F.H.	33220	7980	7970	8180	4610	4480		16.2	4.4	22.6	4.4		47.6									
	2S1	-----	---	---	-----	Frt.	F.H.	29290	6870	13030	9390				13.4	18.8				32.2									
	3S2	Kenworth	38	D346C	N.P. Transport Billings, Montana	Frt.	F.H.	28660	7470	5960	5960	5000	4270		15.2	4.2	19.0	4.2		42.6									
	3S2	Kenworth	42	523	N.P. Transport Billings, Montana	Frt.	F.H.	38030	8760	9140	8980	5450	5700		17.6	4.0	22.4	4.0		48.0									
	3S2	International	49	W30 (42-L)	Reuben Sinclair Glasgow, Montana	Frt.	F.H.	59970	5430	17920	9790	13870	12960		17.0	4.4	23.0	4.0		48.4							B-E	2.0	
	3-2	Peterbuilt	49	350	T. F. Broderick Great Falls, Mont.	Gas	F.H.	71950	8610	14440	14650	17150	17100		19.3	4.2	14.3	18.0		55.8							B-E	8.4	
	3-2	Kenworth	48	HG825C	H. F. Johnson Billings, Montana	Gas	F.H.	29750	7720	6570	5390	5330	4740		18.3	4.3	14.6	18.2		55.4									
	2D	International	48	KBS8	Home Owned Supply Great Falls, Mont.	Oxygen Tanks	Pri.	27370	7020	20350					15.0					15.0	13.1								
	2D	International	47	KB8	Helena Sand & Gravel Helena, Montana	Concrete	Pri.	30370	7320	23050					13.6					13.6	28.1								
	3-3	Kenworth	47	Not	Con. Freight Lines Portland, Oregon	Frt.	F.H.	62210	8890	10260	9650	13010	10560	9840	13.7	4.2	13.6	19.6	4.2	55.3									
2S2	Diamond T	48	509	C. L. Craven Ashton, Idaho	Poles	Pri.	34070	4560	13560	8890	7060			13.9	19.0	3.9			36.8										
3	Studebaker	43	US6X6	Ben Smith Lincoln, Montana	Lumber	Pri.	30120	3350	13440	13330				14.5	3.7				18.2										
2-3	-----	---	---	-----	---	Pri.	48090	5360	14380	8130	9670	10550		13.2	14.0	19.6	4.2		51.0										
2S2	Auto-Car	47	DC100T	Safeway Stores Butte, Montana	Mdse.	Pri.	43220	9190	19700	7100	7230			14.5	14.4	4.0			32.9	9.4									

LISTING SHOWING TOTAL WEIGHT, LOADS AND AXLE SPACING OF TRUCKS AND TRUCK COMBINATIONS WITH ONE OR MORE TRUCKS WEIGHING 18,000 POUNDS OR MORE, ALSO SINGLE-UNIT TRUCKS AND TRUCK COMBINATIONS WEIGHING 13 TONS OR MORE AT 19 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 3, TO SEPTEMBER 1, 1949.

STATIONS	VEHICLE TYPE DESIGNATION	MAKE	YEAR	MODEL NUMBER	OWNER	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACINGS						PERCENTAGE OVER STATE LAW							
									A	B	C	D	E	F	A-B	B-C	C-D	D-E	E-F	WHEEL BASE	AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLE GROUP	
																					B	C	D	E	F		AXLE GROUP	PER-CENT
								lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	ft.	ft.	ft.	ft.	ft.	ft.									
55	3-2	Kenworth	47	CD825C	Carlson Bros. Billings, Montana	Mdse.	F.H.	31380	9060	6480	5890	5210	4740		18.4	4.4	14.4	18.9		56.1								
56	3-2	Kenworth	49	H.G	Motor Equipment Co. Billings, Montana	Empty	Pri.	30700	8180	6770	6340	4840	4570		18.4	4.4	13.3	18.5		54.6								
	3S2	Kenworth	48	CD825C	FrenchStelzer Salt Lake City, Utah	Empty	Pri.	28670	8470	6130	5720	4120	4230		16.2	4.4	22.6	4.4		47.6								
	3-3	Freightliner	30	HA	Con. Freight Lines Portland, Oregon	Frts.	F.H.	39970	9970	7610	9690	5700	3300	3700	13.0	4.4	13.6	14.8	4.0	49.8								
	3-2	Kenworth	48	HG825C	Embry & Jordan Bozeman, Montana	Empty	F.H.	29660	8740	6430	5180	4950	4360		18.3	4.4	12.5	24.0		59.2								
	3S2	G. M. C.	48	ADCW 1954	Backstrom Salt Lake City, Utah	Pro.	Pri.	53970	8780	10930	10370	12780	11110		16.2	4.4	23.4	4.4		48.4								
	3-2	G. M. C.	48	ADCW 974	H. L. Davis Bozeman, Montana	Oil	F.H.	69100	8460	12930	13310	17500	16900		15.5	4.4	14.9	19.0		53.8					B-D	1.7		
	2S2	G. M. C.	49	AC754	B & G Truck Lines Billings, Montana	Sugar	F.H.	49770	7650	22040	9740	10340			14.8	17.4	4.3			36.5	22.4							
	2S1	White	42	WA20	Percy Kencady Belgrade, Montana	Hay	Pri.	34180	4800	15300	14080				13.3	19.4				32.7								
	2S1	Chevrolet	47	Q Vet	C. R. Counts Belgrade, Montana	Hay	Pri.	26040	3260	12140	10640				11.5	13.6				25.1								
	2S2	White	47	WB22	Hanson Carbonic Serv. Billings, Montana	Oil Drums	Pri.	39960	5460	15830	8330	10340			13.4	17.3	3.8			34.5								
	2S1	G. M. C.	48	522	Bekin Moving Service Billings, Montana	Furn.	Pri.	29260	4510	12800	11950				21.3	11.3				32.6								
	2-2	International	48	KBS8L	J. R. Kelley Miles City, Montana	Beer	Pri.	45920	6680	16580	11340	11320			15.0	13.6	11.9			40.5								
	2S1	International	47	KB7	Simms Fruit Co. Billings, Montana	Fruit	F.H.	32250	4840	15020	12390				14.8	15.6				30.4								
	3-2	Peterbuilt	49	350	T. F. Brodrick Great Falls, Mont.	Oil	F.H.	69960	9600	13910	13590	16410	16450		19.2	4.4	14.0	17.8		55.4					B-E	4.8		
	2S2	White	41	WA22	Gable Transfer Co. Spokane, Washington	Cars	Pri.	32210	4600	14060	5910	7640			14.7	23.0	3.4			41.1								
	2S2	Auto-Car	47	DC100L	Safeway Stores Butte, Montana	Pro.	Pri.	40650	8190	17850	7190	7420			14.3	13.4	4.4			32.1								
	2S2	Auto-Car	45	DC10064	Safeway Stores Butte, Montana	Pro.	Pri.	27130	8240	10860	4390	3640			15.4	15.0	4.3			34.7								
	3S2	Kenworth	49	CC523	N.W. Improvement Co. Missoula, Montana	Frts.	F.H.	52520	8550	10890	11760	8780	12540		15.2	4.2	19.0	4.2		42.6								
	3S2	Auto-Car	47	DC10064	Safeway Stores Butte, Montana	Gro.	Pri.	55840	8090	13640	13350	10710	10050		14.4	4.0	22.2	4.0		44.6								
	3S2	Auto-Car	49	DC10064	Safeway Stores Butte, Montana	Gro.	Pri.	53010	9120	13190	13000	9350	8350		14.9	4.0	26.0	4.2		49.1								
	3-3	Freightliner	48	H.A	Con. Freight Lines Portland, Oregon	Empty	F.H.	32340	7640	5250	6720	4970	4280	3480	13.7	4.4	13.6	19.6	4.4	55.7								
	3S2	Peterbuilt	44	344DT	Northern Pacific RR Billings, Montana	Frts.	F.H.	42550	8510	10130	10330	6620	6960		17.3	4.0	22.3	4.0		47.6								
	2S2	Kenworth	46	521S.P	N.W. Freight Lines Billings, Montana	Frts.	F.H.	28460	7560	10570	4690	5640			13.7	21.6	3.9			39.2								
	3-2	International	47	WH4064	J. Rudolph Twin Falls, Idaho	Gas	Pri.	67200	8540	13470	13970	15680	15540		17.5	4.6	15.8	18.1		56.0								
57	2S2	G. M. C.	40	AC700	Pioneer Fuel Co. Butte, Montana	Gro.	Pri.	35800	6300	13300	8340	7860			13.4	14.8	4.2			32.4								
	2S2	G. M. C.	44	ACR752	Ed Branten Big Timber, Montana	Cattle	Pri.	46540	5400	16200	12500	12440			11.3	26.4	4.4			42.1								

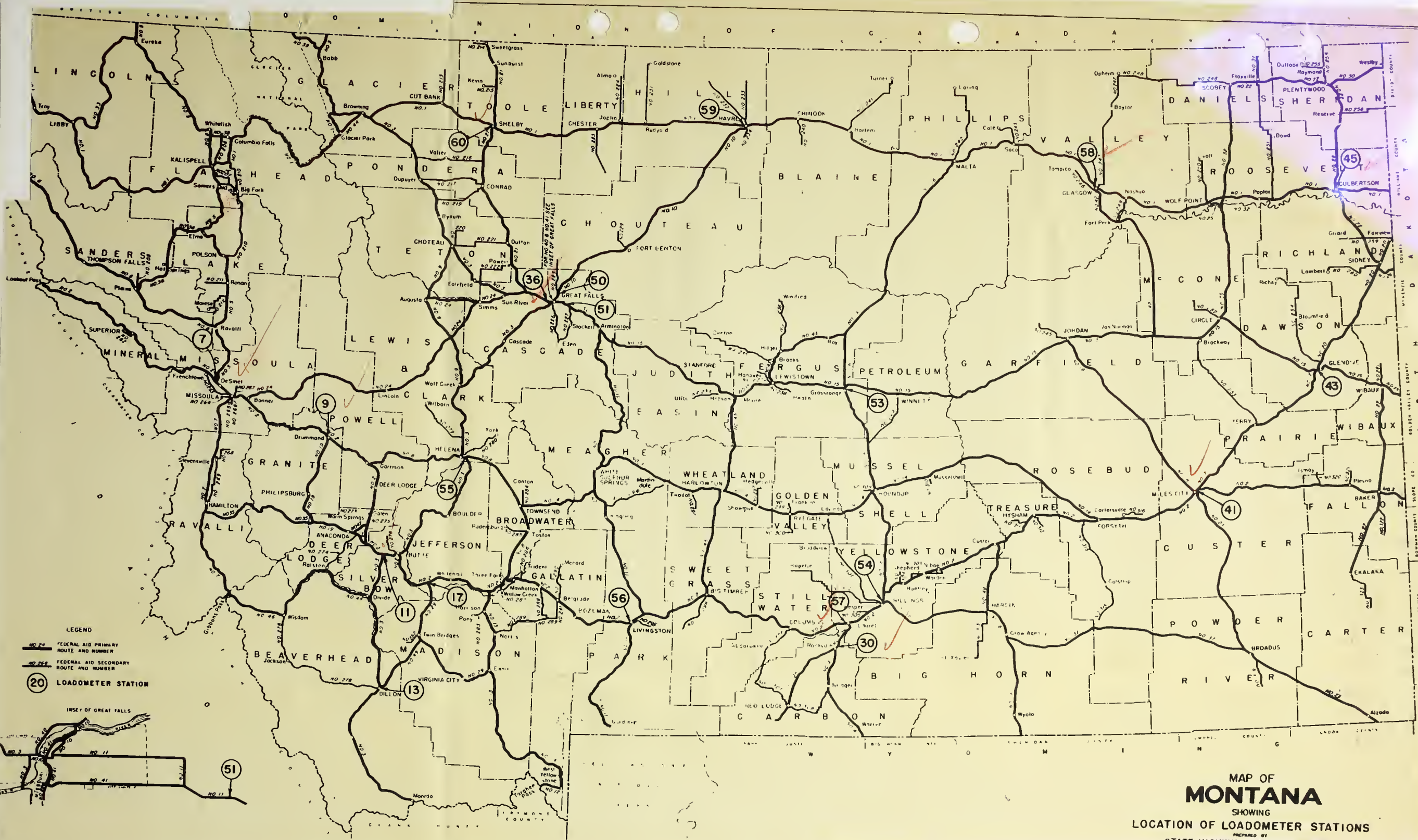
LISTING SHOWING TOTAL WEIGHT, AXLE LOADS AND AXLE SPACING OF TRUCKS AND TRUCK COMBINATIONS WITH ONE OR MORE AXLES WEIGHING 18,000 POUNDS OR MORE, ALSO SINGLE-UNIT TRUCKS AND TRUCK COMBINATIONS WEIGHING 13 TONS OR MORE

AT 19 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 3, TO SEPTEMBER 1, 1949.

STATION	VEHICLE TYPE DESIGNATION	MAKE	YEAR	MODEL NUMBER	OWNER	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACINGS						PERCENTAGE OVER STATE LAW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
									A	B	C	D	E	F	A-B	B-C	C-D	D-E	E-F	WHEEL BASE	AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLE GROUP																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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57	3-3	Freightliner	46	500	Con. Freight Lines Portland, Oregon	Empty	F.H.	33050	7940	5920	5880	5460	4080	3770	14.0	4.4	13.7	19.6	4.4	51.7	2.8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	

TESTING SHOWING TOTAL WEIGHT, LOADS AND AXLE SPACING OF TRUCKS AND TRUCK COMBINATIONS WITH ONE OR MORE AXLES WEIGHING 18,000 POUNDS OR MORE, ALSO SINGLE-UNIT TRUCKS AND TRUCK COMBINATIONS WEIGHING 13 TONS OR MORE AT 19 LOADOMETER STATIONS DURING THE PERIOD FROM AUGUST 3, TO SEPTEMBER 1, 1949.

STATION	VEHICLE TYPE DESIGNATION	MAKE	YEAR	MODEL NUMBER	OWNER	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACINGS						PERCENTAGE OVER STATE LAW								
									A	B	C	D	E	F	A-B	B-C	C-D	D-E	E-F	WHEEL BASE	AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLE GROUP		
																					B	C	D	E	F		AXLE GROUP	PER-CENT	
								lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	ft.	ft.	ft.	ft.	ft.	ft.									
57	3-2	Peterbilt	49	270DD	G. T. Jordan Great Falls, Montana	Empty	F.H.	30360	8480	6580	6180	4540	4580		19.4	4.4	14.4	18.0		56.2									
	2S2	Mack	44	LJ707	Russell Milling Co. Billings, Montana	Flour	F.H.	27480	7960	7800	5960	5760			16.2	15.8	4.4			36.4									
	3-2	Kenworth	46	523	L. W. Hageman Laurel, Montana	Empty	F.H.	30720	8120	6380	6280	4880	5060		17.4	4.3	14.5	19.0		55.2									
	3S2	Peterbilt	44	354	N. P. Transport Billings, Montana	Frt.	F.H.	47040	8040	10540	11200	9120	8140		15.4	4.4	19.2	4.4		43.4									
	3S2	Kenworth	49	CC523	N.W. Improvement Co. Billings, Montana	Frt.	F.H.	40160	8100	8780	10240	6160	6880		15.2	4.4	21.4	4.4		45.4									
	2S2	Auto-Car	45	DC10064	Safeway Stores Butte, Montana	Gro.	Pri.	27580	8200	10100	3840	5440			15.4	15.0	4.4			34.8									
	3-3	Freightliner	47	A	Con. Freight Lines Portland, Oregon	Frt.	F.H.	57490	9020	11320	11660	13620	6870	5000	13.6	4.4	13.4	18.0	4.4	53.8									
	2S2	RCO	47	25T	Roy Nunley Big Timber, Montana	Cattle	Pri.	46420	5300	11940	13840	12340			15.0	20.9	4.4			40.3									
	2S1	Ford	48	F-8	S & S Supply Co. Billings, Montana	Wheat	Pri.	40015	7440	18815	13760				16.3	16.4				32.7	4.5								
	2S1	International	46	K8	Rexburg Oil Co. Rexburg, Idaho	Gas	Pri.	36400	5280	16480	14640				12.6	15.8				28.4									
	3S2	International	47	W3042L	N.W. Freight Lines Billings, Montana	Frt.	Pri.	59460	8280	14780	15860	9820	10720		15.2	4.4	28.0	4.0		51.6									
	3S2	Diamond T	41	910	N.W. Freight Lines Billings, Montana	Frt.	Pri.	40040	9180	8320	8640	6960	6940		17.0	4.4	27.0	4.0		52.4									
	3-3	Freightliner	46	- - -	Con. Freight Lines Portland, Oregon	Frt.	F.H.	63950	9420	12820	13660	12560	7520	7970	17.7	4.4	13.6	19.6	4.4	59.7									
59	3S2	G. M. C.	49	ACW853	Great Northern R.R. Great Falls, Montana	Frt.	F.H.	41480	6670	10940	9540	6320	8010		13.3	4.4	22.3	4.4		44.4									
	2S1	International	48	KE7	M. J. Beddingheimer Pernham, Minnesota	Feed	F.H.	28870	4530	13740	10600				12.2	17.3				29.5									
60	3-2	Sterling	45	WNS160	Taber Bros. Great Falls, Montana	Empty	F.H.	31350	8470	6290	6290	5360	4940		16.6	4.0	14.5	20.5		55.6									
	2S2	International	47	KPR12L	Getter Trucking Co. Cut Bank, Montana	Empty	F.H.	27610	6800	10790	4820	5200			15.9	21.4	4.0			41.3									
	3S2	G. M. C.	49	ANCW 254	Great Northern R.R. Great Falls, Montana	Frt.	F.H.	47060	7710	10900	11450	8640	8360		16.6	4.4	21.9	4.4		47.3									
	2S1	Dodge	47	WKA-66	Salansky Bros. Conrad, Montana	Frt.	F.H.	33100	5080	15520	12500				11.9	16.6				28.5									
	2S2	International	47	KPR12L	Devine-Asseltine Great Falls, Montana	Frt.	F.H.	39210	7110	18170	6290	7640			13.5	13.4	4.2			31.1	0.9								
	3-2	Sterling	45	WNS160L	Taber Bros. Great Falls, Montana	Gas	F.H.	69840	8240	14270	13680	16930	16720		16.6	4.0	14.5	20.5		55.6							B-D	4.4	
	3-3	Freightliner	49	A	Con. Freight Lines Portland, Oregon	Frt.	F.H.	34810	7630	5580	6990	5710	5180	3720	13.6	4.4	13.4	18.0	4.4	53.8									
	2S1	White	47	- - -	Safeway Stores Butte, Montana	Gro.	Pri.	33310	5870	15990	11450				12.2	18.0				30.2									
	2S1	International	44	KS7	77 Oil Co. Cut Bank, Montana	Gas	Pri.	30390	4800	13300	12290				13.7	23.5				37.2									
	3-2	G. M. C.	41	CKW	Robert Morris Malta, Montana	Posts	Pri.	57380	5920	11110	11040	13900	15410		15.4	3.8	13.2	20.0		52.4									
	2S1	International	47	KB8L	Nash-Finch Co. Great Falls, Montana	Frt.	F.H.	28720	5630	14760	8330				13.6	13.3				26.9									
	2S1	International	47	- - -	77 Oil Co. Cut Bank, Montana	Oil	F.H.	30770	4630	14050	12090				13.2	14.0				27.2									



MAP OF
MONTANA
SHOWING
LOCATION OF LOADOMETER STATIONS
PREPARED BY
STATE HIGHWAY PLANNING SURVEY
IN COOPERATION WITH
PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY

